

<210> 1023
 <211> 1026
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1026)
 <223> n is a, c, g, or t

<400> 1023
 tnagncttat agtgangtng nattncagtg gcggncgcgt ctagaactag tgggatcccc 60
 cggcntgnag nanttcggca cgaggntgan tcntattnt tntnecgctt tctacggccn 120
 nngannccnt tttnnnantn nntccnccn nctggcaa at nncngggnaa acctttaaan 180
 attntttttn ntnnggntng gcccttnagg ctngtnangg nnttnnaaaa ncncccttca 240
 nnttncttgg gngnaanngg nnaaatgan ctnttnnecg ngaaggggnt aaacgggnact 300
 nacgccnaaa ancatgnaaa cgnggcctct cncctctcta ntntnnaaac aattnttctn 360
 naggncnttt nntttttntc acaaaaaggg gttnnacaga gggagncccc atttttttnn 420
 ttnnaagattt tntgngccca naanangann gggntttttt ataanngcnn tacctgtgtg 480
 tggaagaccc ccnanaangn cttttttttt aaagnaggtg nntnggancn cntntntgga 540
 ganacganng aggaaaaacn angnttcnc aaaaagnttt ttntttntcg nngnaanac 600
 tcccttttnt actcttttnc ccncannct gtengngntn nttnnncccc ccccccaant 660
 ttttttanaa anatacnncn cctctttttt antttcntgg ggaggaacnn ccccccccc 720
 cancatggaa ncntcccnag gtnggggggg gncnnacccc cennncactt ggttttat 780
 ttanaagnn ngctatgann nncanntann gntntcgttt tntntnnaac ncaatcttt 840
 naattntcnc nccccnnnc tngcntctgg tcnnttntc tancctcatn nccttcengn 900
 tnnantnnnt tcncccantn nantttncgg acctannnaa anaanntctn tnncccttnc 960
 aagaaangnt aatttccttc nnnanncnct gaattcnct taatnttcgn cnntntntat 1020
 ttncgg 1026

<210> 1024
 <211> 973
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(973)
 <223> n is a, c, g, or t

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<400> 1024
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ggctgcagga attcggcacg aggctcacca tcaacccccca aagctgaagt tctattttaa      120
ctattccctg aacactatta atatagttcc ataaatacaa agagccttat cagtattaaa      180
tttatcaaaa atcccaataa ctcaacacag aatttgcacc ctaaccaaatt attacaaaca      240
ccactagcta acataacacg cccatacaca gaccacagaa tgaattacct acgcaggggg      300
taatgtacat aacattaatg taataangac ataatatgta tatagtacat taaattatat      360
gccccatgca tataagcagg tncatgacct ctatggcggt ncataatata tataattatn      420
gatngtncat agtacattat gtcaaattca ttctggatag aatatctata atatattcct      480
taccattana tcacganctt atttaccttg ccgggggaaa ccancaccg gntaggcagg      540
gatccttntt ntcgntccgg gcccataaac cgggggggtg gttatntaat ggaattttac      600
caggcatntn ggttntttnt tcagggccat ctnatntaaa acnggnccat tntttccttn      660
ttaaataaaa catttcgang gactaatggg ttaatcagcc ctgccttcac acataactgg      720
ggcgggcata acatttgga ntttttttaa tttngggggg angcttggac ttcagnnttg      780
ggccggnaaa agggccctgg acccnggaac attttttttg gncctgggnc ttaaactggn      840
nnttttggn cccccccctt tatgggntag ccctgggn n ttnngn ncn atnggggnccc      900
ngggacttna antttttttt ttttttnccc cccttttttn aaaaatttnc ccccttttaa      960
natttttncc ccc                                          973
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<210> 1025
 <211> 1009
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1009)
 <223> n is a, c, g, or t

<400> 1025
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 ctgcaggaat nnnnnacnan gcnctncccn ganncaantg cagagncnna ccattggtca 120
 atgnatncna atgaangctg tgnatcanct catgtncaan tccaagagca ccacattgnt 180
 natnaancgc gctggtctat ctaaaccaga ctggncnctat naaaancgga cttaacatgc 240
 caaccanttt tttaagcngc ntanttnant tgaanacntc nctactgtaa tgctcgncca 300
 atgangntnt tacctnggta tgcgtctgan accctcgnat cttntacttn ggggnaaanc 360
 nnatatcntn tnnaaagngg ggggncncct ancccttcat cccanttggg gcgaagaana 420
 aagncaganc ctgangatga gctgctgttt tgattttttt natagttccc canaanggag 480
 cctactggga aagtggaaat cnaaaaagaa aagggccaaa cccctgtct tgcaaaagtc 540
 tcggacatcc agcgtcaatt nttgtnaacc ccagtgtaac cncnttcaa agccgttnaa 600
 anaaaattcc tttttgggag cccaaaagcc cttgcctttt tnttgattca nnattctggg 660
 cntngaaac ccncgaaana atttttnaaa agggaaaaat ntnttattca aaangcttnt 720
 ctgggacctg gncccccaan ccnatgccct taaccgatga atgggcngat tcacaattga 780
 aacttngntt aaccttttgg cctgggagaa acccatttnt tggngnaaat tgaaagtttt 840
 anaaatttaa aattcaagna aaatgggccc ntttttcctt tcaaagggtc ccaagggaaa 900
 cttcaagaaa naaatttanc caaagcccgg gngcctggaa ttttggnaaa attgggantt 960
 ntttgnccct tttcaaanaa ttnggatcna aanaantctt agaaacnnt 1009

<210> 1026
 <211> 964
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(964)
 <223> n is a, c, g, or t

<400> 1026
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 caggaattcg gcacgagggg agaattcaag tgtgatcctc atgaggccac atgctatgac 120
 gatgggaaga cttaccacgt gggagaacag tggcagaagg aatatcttgg tgccatttgc 180
 tcctgcacat gctttggagg ccagcggggc tggcgctgtg acaactgccg cagacctggg 240
 gctgaaccg gtaacgaagg ctccactgcc cactcctaca accagtattc ccagagatac 300
 catcagagaa caaactactaa tgtcaactgc ccaattgagt gttcatgcc tttggatgta 360
 caggctgaca gagaagattc ccgagagtaa tatttccaac ccagagaaaac aagcgtggat 420
 ctctgccaaag gtccatccaa actggagtgg tgttcgcaga ccccatgtta gtgtgttcct 480
 ttcttaagcc ctttgctctg gagtaacttc tncagcttca gctcaactca cagcttctcc 540
 aagcatcacc ctgggagtgt tttcagactt ttctcataca tgggagcagt aggttatcta 600
 ttcttcaaaa tattccatgc caatcagtat tttaaaatga agtgattctn acttgngaatt 660
 ttggattggg aatccatagg gaaacacatg cccccaacca agataccnaa atgtcnttga 720
 aatgatatta nccaaaaatt ttaagtangg aaaggtancc tgaacacctt ttggnttcca 780
 cttaaactgg actgggcccc gcnatantg naaggaaaca gcatgngccc tttgganctg 840
 ggggattcaa aaacaagncc cnggtacttc cnttttttcc naaaggaatt ntaagnaatt 900
 ggcttaaaaa aaaattnttt tttnttaccg ggnaatttna aanaantttt ttccccaaan 960
 tttt 964


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<210> 1027
<211> 1030
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1030)
<223> n is a, c, g, or t

<400> 1027
ancannctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct      60
gcaggnganga tcaancnant cctggccaag aaacaaaagc agaatcgtcc cattcnngaa      120
tggattcgaa tgaaaactgg caataaaatc aggtacaact ccaagagaag acattggaga      180
agaaccaagc tgggtctata agaagcaagc tgggtctatg agaagtggtc ttaacatgta      240
gaccactttt ttaagcagcc agatcacaat gaaaacatca ctactgtaat gcttggccca      300
tgatgttatt tcctcactat cagtctgaga ccagcaata aatataaaac gttgcaaaaa      360
aaaaaaaaaa aacntggggg gggncccggn cccnnnttcn ccnnntggg gntcntnnnn      420
nacacanagn acnccatgtc ctntccnng tntngntnn tgcntcnant nttgntcgt      480
tagncctttc tncctnnntt ttanttncca ntntgggtgt nannngcttn tngacctna      540
tnngntntnn natecgccna atcaacacna gntccnacnn tttcgggnan tnnttnncta      600
tcccnanntc gaacttaaca gtcaagnttt ttngntcttn nanccanata ntttcnnnta      660
tnnnnttnn ggcnnnttgg gtntntnctn nttnacnna cattnggnet ttntgannnc      720
tcntntcntn gggatttctt ttttgnncta cntgataann caaatnctat nnngcattgn      780
tttctnacan cngtgtnnnc tcnctcatga natttttnan nnnntantnn attnnnttn      840
tnccttnntn tncgtcanaa tnnegntnctn ancncnnngn anatnctttn tccttnctag      900
tncgccctnn tttgtacctc cctctgggcc ggcntnaach accnttgnaa nagttcntgt      960
nnntacnttt ctcttctacg tcancnttan ctagttcnct tttngttnt cttantctac     1020
nntnntccc                                     1030

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<210> 1028
 <211> 1660
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1660)
 <223> n is a, c, g, or t

<400> 1028
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 ccaaactccc ccncctatg gngnnngaaa gtnatatattt cncntncttg agaaanactg 120
 gagctccacg cggtggcggc cgctctanaa ctagtntcat cccccgnact gcacgatttn 180
 cgacatcctt nnnntttttt cttaatncct caacntccgc nttaaaanat nggggcntcc 240
 cnannggent anttaaaan ntacgtcacn nancttacta ttttttcaan nagnntgaaa 300
 ttccnnttnn ntannnttn ttatnctan tngntcttca nnntaatna anntnnatca 360
 ccatcntntn antttcanta agaactannt ntagatcata ttntncaann tgnntntat 420
 ntcgannant tatnatntcn caaannntnt gnnnttantg atnttcnatt ttttnactat 480
 ccaaaantnn ncgcntnaaa natnnncaa tagtagncnn tnggnccanc ngtnatnatt 540
 ttctatcanc anttactcta nnnagtctaa ttnttanctt ntggtnannt natttacnta 600
 tngnnatcaa ncnntataaa nttntngtac tantcatatn nngtgnantt tnttcntnan 660
 tcgatnnatt atagntcnnc gcanaggna tttttntnga acanncatta tatannnnaa 720
 ngnataanta nntnngnnag aagnnttttn nnngetcttn ttctnngcaa ntgnntannt 780
 nntnaaccta actcnacntc agntancctt tcnennnncc ntcannagtn ncgngntnaa 840
 ncanncanen ggcntnatta tcnatatgt ntnnnatcan cgatgcgcnn nnagnntact 900
 gtncanogtn ntgtatnnnc nntngnnntc ntantngna nctcagcata ttagctnang 960
 tttntctgna ancgctngc nttannnttn tacnatcngn atatagattt ntgnctantn 1020
 nttntacgcc tnagcnntnt nngnntgcnc gccnaatnca gantntcgna tntgcgnacn 1080
 tcnnnnggan natatactta nntgcacnga tatctnatat atctnctgat nngtcannna 1140
 ntncgatcat aantntcgna tcatnnnta nntannctga tatgcgcnn tntgcgcac 1200
 acnntgagac gnnanntaag annngtggn atantatnac attttnacaa ngngaannga 1260
 cacncnacnn ntntngntna nntaatgatg atacgtntna nagataganc ganatatnnc 1320
 agngtctgna ngtgcnatan tncnecantc natcacttac tcatttange ttntnntgnt 1380

cncgagatna nncnntnata natntacntg tctnaagana anttcntacn cnngtcanat 1440
atntctantg annantggtt acgatagtnt acgtacganc nnagtntcnc tcnnanagnc 1500
annacatata ctatnacgac nantctagac nanatacgnc anagnnangt gantagnant 1560
nnentantct ntntcncta cattaatann natagtgaga cgngtnnctt natannctaa 1620
tacnntnnga gtntnnnaga tatatgctna atctctcgcc 1660

<210> 1029
<211> 955
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(955)
<223> n is a, c, g, or t

<400> 1029
nncaanant ggagctccac cgcggtggcg gccgctctag aactagtgga tccccggggc 60
tgcaggcagc tgcagcgctt ctcgtcttgt aggctctcct agctatcgcc ttttcgcttc 120
cggaaacatg gcctccggtg tggctgtctc tgatggggtc atcaaagtgt tcaacgacat 180
gaaagtgcgt aagtcgtcga caccagagga agtgaagaag cgcaagaagg cgggtgctctt 240
ctgcctgagt gaggacaaga agaatatcat cctggaggag ggcaaggaga tcctggtggg 300
tgacgtgggc cagacggtag acgacccta tgccaccttt gtcaagatgc tgccagacaa 360
ggactgccgc tacgccctct atgatgcaac ctacgagacc aaggagagca agaaggagga 420
cctggtgttc atcttctggg cccctgagtg tgcaccctt aagagcaaaa tgatctatgc 480
cagctccaag gacgccatca agaagaagct gacggggatc aagcatgaat tacaagcaaa 540
ctgctacgan gaggtcaaag accgcttgca cccttgacga aaagctgggg ggcagcgctt 600
gtcatctcct gganggcaag cctttgtgag ccccttcacc cctgnctgga catctggcag 660
ccccagacct gnccacgggg gttgcangct tgccccttct gccanaccgg agggctgggg 720
gaatcccnca ggggggaggc antcctttnn ccanttgcc aaagcccccc cgacccttg 780
acntntttt ccttnaccct tgangttttg genttcnaa ccgntttnga actnnancc 840
ntttggggtg gaaaaaaaaac aaattncccc ccaggaanc cctntttggg gggggccttt 900
ttttttttaa aaaaacccca annccctgcc ggnnctnccc tttncagann nggna 955

<210> 1030
 <211> 1032
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1032)
 <223> n is a, c, g, or t

<400> 1030
 gccctatnng gagcngcatn acagtggcgg ccgctctaga actagtggat cccccgggct 60
 gcagggtttc atgaagatgg agaatgctgn gtntatgatg aaccattact gaagngnctn 120
 gngngctgcc agcattaggt nggganncac aaagtttgct cctggttcca gggcacgatg 180
 cataatnaag caacaatctt cctttgggag aacctattca ctcccttctt attgcagccg 240
 gncnctatct ncanggnata cttgnacttt ntgatgcanc atgancaatt aangcgagca 300
 aagcnccctt ttttntctgt gcgtggcaag tnacaacnt ngantttggc cttgataaaa 360
 anttcaggtt ttgaaaacaa gatgtcttgc tccttttcca aatcccacgg nataaatccc 420
 agtnttaaac nctgcattct antactgntg ntgaganata caatacatgt tttcctagtn 480
 catataatcn ttgggttntc atatatacat atnntataat tntatgctga tgccccgatt 540
 tttcatanna tacctgcatt ttactgtnaa acatcaagnc ccctctgagt tgtttttann 600
 ananatttnc ngcnnttgcg gttaaaaatt cncctcggnt ntgaaaantt ccatgggtcc 660
 nctcctancn anncaanntc ntcactttgg naattgaaac tantatttnc tcaaacnngn 720
 atctcttacc tcttggnctt ggggggttta anntnacacc tcnaanggct ttcctnntag 780
 gnttnennan nngctanatt cnntntcaa nctntgcttc ntttcaagna ngccnggnt 840
 nntnttttnc ngaantacaa ntttgggacc cgnatantca cntcanngnn cttnttgatn 900
 nnnnnnaang gcctgnngct ttttgtntng tgnnnnnctn ntnacnatn aacananagg 960
 nnggctncnt ntacantnnc tngnnctnct ttcnntataa ncccttngt nnnccangnc 1020
 nncanaanac cg 1032

<210> 1031
 <211> 1499
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1499)
 <223> n is a, c, g, or t

<400> 1031
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 ccttantnng gggntcnnn gngnnttcaa tggngggngc ggngggccnn cagnnttnng 120
 ccncgggag tcgcatnaca ngngggccgc tctncantat gnnttcctcc gnnctgcanc 180
 atcngcncnn ncnctcntt cnttnentcn ccngctcenn ctngtncna agggggantt 240
 antntannna anagtntcnn nnttgncaac ttatntntnn ttatcctna tatngnagge 300
 tnnantcngn atctngagan ncgggctntc cnnnctgct ttaantntt tcnanngng 360
 ncangannc ncantctatn ctnnannaat ntnnnatgtc ncnnnanntt ntcgcacgan 420
 tentcgttnn tncacagnnt ntgtntttct ngnncccggt nnnctctttc nnnctnnna 480
 tncctcagtt ttnttnnnnc nccnnacnat tntctcnatc ncantncntn tacntntanc 540
 atcgttnnna nanatcnntn cnttnnnntn tttctacnt ctctnnanan ttatttcnc 600
 ntctantcnn ntaannnttc gnnttnacct nttagannn nannggannt ttcccnctn 660
 cncnngatcn cgttncccnn ntctcnngt cnanccnact cattgcctct atnntcnnta 720
 ntnttatntc tttngancgc cntnngnata ccattnatta taatacgnan atnntcncn 780
 cacgngncc cantntctct ncnnnnnggn ttntgntnan tntcccaa at cncennnga 840
 cccntnnatg gncncennn tannccann agnnnncgat tagnacannn gntntnggac 900
 gntcnnatcn atnntntnct gnggentagn cnattttcna nntgntgctn gcgntantgc 960
 ncntntcggn ntaatcgntg tntgttnann ntgnnctcta ntngncnggc nntnggttnn 1020
 ctctantgag tccacgntnn nntctnactc tggtgnnacg ngatnttgct cnanctnacn 1080
 gctcntntat ncnncntgt nngcennnag tnatntcct attgtntgtt actcctntt 1140
 agnctacann gtttngctnt nntgcttga ccctntaga ccgngcttcc nntnatcctc 1200
 atnggatgtn tnnctngnta nncnctcnt ccgctnttnn cntntcnant gatangagtc 1260
 tnnntnatn cgcnnrtgtn angtantann atacnennan ctcnatgnca ctccagtgat 1320
 gngangntta tanntagtct nngtcacgt ancantcnn atggtacna ntctctngng 1380

tngncgcgtn gtatgtggnn gcnnntttcn atgacgntnt anagcagtan ngntacacnt 1440
 ntatagtccg tntnacnaat ctctngnttn ancntntatt cncnncngct cnetcccg 1499

<210> 1032
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 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1499)
 <223> n is a, c, g, or t

<400> 1032
 gnnngggccg nnnatnnntt atntttntnn tatntttttt nnnannnttt ttttgntaca 60
 ccttantnng gggntcnncn gngnnttcaa tggngggngc gnggggccnn cagnnttnng 120
 ccncgggag tgcacnaca ngngggccgc tctncantat gnnttcctcc gnnctgcanc 180
 atngcncnn ncnctcntt cnttncntcn ccngcncnn ctngtncna agggggantt 240
 antntannna anagtntcnn nnttgncaac ttatntntn ttatccntna tatngnagge 300
 tnnantcngn atctngagan ncgggctntc cnnncntgct ttaantntt tcnanngnng 360
 ncangannc ncantctatn ctnnannaat ntnnnatgtc ncnnnanntt ntcgcacgan 420
 tcntcgtnn tncacagnnt ntgtntttct ngnnnccgct nnnctcttcc nnnnctnnna 480
 tncctcagtt ttnttnnnnc nccnnacnat tntctcnatc ncantncntn tacntntanc 540
 atcgtnnna nanatcnntn cnttnnnntn tttntacnt ctntnanan ttatttcnc 600
 ntctantcnn ntaannnttc gnnttnacct nttagannn nannggannt ttcccnctn 660
 cncngatcn cgttncccn ntntcnngt cnancnact cattgcctct atntntnta 720
 ntntatntc tttngancgc cntnngnata ccattnatta taatacgnan atnnntcncn 780
 cacgngncc cantntctct nncnnnnggn ttntgntnan tntcccaa at cncnncnga 840
 ccntnnatg gncncnncnn tannnccann agnnnncgat tagnacann gntntnggac 900
 gntcnnatcn atntntntct gnggentagn cnattttcna nntgntgctn gcgntantgc 960
 ncntntcggn ntaatcgntg tntgttnann ntgnntcta ntngncnggc nntnggtnnn 1020
 ctctantgag tccacgtnn nntctnactc tgttgnnacg ngatnttgct cnanctnacn 1080
 gctcntntat ncnncntgt nngcnnnag tnatntcct attgtntgtt actcctntt 1140
 agnetacann gtttngctnt nntgcttga ccntntaga ccgngcttcc nntnatcctc 1200
 atnggatgtn tnnentgnta ncnctcnt ccgctnttn cntntcnant gatangagtc 1260

tnnnntnatn cgcntgttn angtantann atacnncnnan ctcnatgnca ctccagtgat	1320
gnangtnnta tanntagtct nngtcatcgt ancantcnnn atggtacnna ntctctngng	1380
tngncgcgtn gtatgtggnn gcnntnttcn atgacgntnt anagcagtan ngntacacnt	1440
ntatagtcgg tntnacnaat ctctngnttn ancntntatt cncnncngct cncctccgn	1499

<210> 1033
 <211> 973
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(973)
 <223> n is a, c, g, or t

<400> 1033	
ttnnnaaagc tggagctcca ccgcggtggc ggccgctcta gaactagtgg atccccggg	60
ctgcaggaat tcggcacgag gcagcaaccg tcgcgatgtt gatgcctaag aagaaccgga	120
ttgccattta tgaactcctt ttttaaggagg gggatgatgtt ggccaagaag gatgtccaca	180
tgcccaagca cccggagcta gcagacaaga atgtgcccaa tcttcacgtc atgaaagcca	240
tgcagtctct caagtcacga ggctacgtga aggaacagtt tgcttgaga catttctact	300
ggtacctcac caacgagggc atccagtatc tccgtgatta cctccacctg cccctgaga	360
tcgtgcccgc caccctgcgc cgnagccgtc ctgagactgg nccggccaag gcccaaaggt	420
ctggaaggaa agcgacttgc aanactcatt cgaaggggaa gccgacagaa aacaccttac	480
agacgaagcg ccgtgcccc tggcgccgac aagaaggccg angncggggc ttggtcaaca	540
acttgaattc aagtttaaag gcggatttgg tcgtggacgt ggtcaaccnn cttantgaaa	600
ttgaaangga atggttttgt gttgaataaa cctgttacc gaagaaaaaa aaaaaaaaaa	660
anggggggnc ccggnccca aattcnccct ttaggggngn nnnntnaana annnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960
nnnnnnnnnn nnn	973

<210> 1034
<211> 972
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(972)
<223> n is a, c, g, or t

<400> 1034
ttganacagc tggagctccc cgcggtggcg gccgctctag aactagtgga tccccggggc 60
tgcaggcnnn atnaagcnnn tcctcccaag aancaaaagc agaatcgtcc cattnctcan 120
tggattcgaa tgaaaactgg caataaaatc aggtacaact ccaagagaag acattggaga 180
agaaccaagc tgggtctata agaagcaagc tgggtctatg agaagtgggt cttaacatgt 240
agaccacttt tttaagcagn cagatcacia tgaaaacatc actactgtaa tgcttggccc 300
atgatgttat ttctcacta tcagtctgag acccagcaat aaatataaaa cgttgcaaaa 360
aaaaaaaaaa aaannntggg gggggccnng gcccnnntn ccccttntng gggnggnnt 420
nanactncgg gaaccttnac taaccanac cangccgcat tcanggagcc aangtttttg 480
gtgggcaccg atnccagggc tgaccaccaa ccccttacgg gnagcctntt acntgaacct 540
gcaaccattg nccttntgca anacgggctn tncntngnc tacgtggana ttgncattcc 600
ntgcaacaac aangggagng cncntantgg gtctngagtg gnggatgcnt ccccggaag 660
tcctngcat gcttggcacc cnttttccga naagcncnc gnggggaggt cntgcccga 720
ccttttactt ttacanaaa atncntnngg nggaattnga aaaggaann aancnnncnn 780
nnnttttan aaagnntnt gannccnng nnggagtttn nngggngaa nnggntnt 840
ttccacnttc aaantttncg ggtntttnn ncctttaggg gggnaaaat tgnntttnaa 900
nggnttnna angngcctt tcnngtncc cttttannnn ntntcccccc ttngnaact 960
tngangcct cc 972

<210> 1035
 <211> 1098
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1098)
 <223> n is a, c, g, or t

<400> 1035
 tttgaanaca atctggagct ccaccgcggt ggcggccgct ctagaactag tggatcccc 60
 gggctgcagg anttnngcac naggnnttta nctaaaaanc nnnntnntcn gggcannagg 120
 gggggnnnca tncctgacnat ngcncncgcn cnacnnaccc gggnantnng gncnancnt 180
 nncngncatg aggctnnac accnaacna nattcacann tnccccatna ttgnngacnc 240
 cngcntncng ncatganaan nngctgcct cccaatgacn ntntttacnt cacnatatac 300
 ntggatatntn cgancancnc tttnanttttt aantccactt nnnccaaggg nanactacca 360
 nncttnaaat ctnttanccn nggggnagggc naaatnccct gncagnchnan nantannaac 420
 nggantttnc nanggnncga ncnnggacgn aaccttttng ggaccttgcc nnanggccan 480
 ntntngggccc catgantgcc ctnnntnnnn naggnnnacc ctcttnnaan tngnngtnnn 540
 gnnnatnttc ncnntncnac tacnncacan aantttgggc cnnnccccn tctngnncaa 600
 acnangatnt tctntctncc ttgaaangga nnaaaaaana antttcttat ttaaccacca 660
 ttaaaaaann ntcgnggtng gntcannnca nctnccccn ctcnnaaaan accntttant 720
 cccttnngnn tgnannanan gnntnnccn ncccccttt ncnctttcnn cannnntnac 780
 tnnatntccc cnncgntctc nccntnnntcn tnnnttnttc cccaccngnt tncggaaaaa 840
 cctnttnccc aananctann gtttcnccan nntccntnc actcctatta nntnnatnt 900
 ntnggttnnc ttnatntctc ctcannaanc natagctnnt nactnccntt ttntttnnct 960
 ccantatncc gcentctact ncttctnnc ttnatcaan aattacntn nntnctccg 1020
 tcgttnnctg ttntantnta cctntactac nncannngtt aatnttgtn cctgntcnn 1080
 ntcttctnct catanncn 1098

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<210> 1036
<211> 923
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(923)
<223> n is a, c, g, or t

<400> 1036
aaaagctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc      60
aggaattcgg cacgaggcag caaccgtcgc gatgttgatg cctaagaaga accggattgc      120
catttatgaa ctcttttta aggagggggt gatggtggcc aagaaggatg tccacatgcc      180
caagcaccgc gagctagcag acaagaatgt gcccaatctt cacgtcatga aagccatgca      240
gtctctcaag tcacgaggct acgtgaagga acagtttgcc tggagacatt tctactggta      300
cctcaccaac gagggcatcc agtatctccg tgattacctc cacctgcccc ctgagatcgt      360
gcccgccacc ctgcgccgca gccgtcctga gactggccgg ccaaggcca aaggtctgga      420
gggagagcga cctgcaagac tactcagagg ggaagccgac agagacacct acagacgaag      480
cgccgtgccc cctggtgccg acaagaaggc cgaggccggg gctgggtcag caactgaatt      540
ccagtttaaa ggcggatttg gtcgtggacg tggtcagcca ccttagtgaa gttgaaaggg      600
attgtttttg tggtgaataa acctgtaaac agaagaaaaa aaaaaaaaaa aaaggggggg      660
cccggncca aattcncnt aaagggggnn nnntaaaaan nnnnnnnnnn nnnnnnnnnn      720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      900
nnnnnnnnnn nnnnnnnnnn nnnn                                     923

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<210> 1037
<211> 992
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(992)
<223> n is a, c, g, or t

<400> 1037
aaaactggac tccaccgcgg tggcggccgc tctagaacta gtggatcccc cgggctgcag      60

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gctcctggtg agcaaggtcc ttccggagcc tctggtcctg ctgggtcccg cggtccccct	120
ggctctgctg gttctcccg caaagatgga ctcaatggte tcccaggccc catcggtccc	180
cctgggcctc gaggtcgac tggtgatgct ggtcctgctg gtccctcccg ccctcctgga	240
ccccctggtc cccaggtcc tcccagcggc ggctacgact tgagcttctt gccccagcca	300
cctcaagaga aggctcacga tgggtggccgc tactaccggg ctgatgatgc caatgtggtc	360
cgtgaccgtg acctcgaggt ggacaccacc ctcaagagcc tgagccagca gatcgagaac	420
atccggagcc ctgaaggcag ccgcaagaac cccgcccga cctgccgtga cctcaagatg	480
tgccactctg actggaagag cggagaatac tggattgacc ccaaccaagg ctgcaacctg	540
gatgccatta aggtcttctg caacatggaa accggtgaga cctgtgtata cccactcag	600
cccagcgtgg ccagaagaa ctggtatatc agcaagaacc ccaaggaaaa gaggcacgtc	660
tggtagcggc aagagcatga ccggcggatt ccagttcgag tatggcgggc caggggttcc	720
gaccttgcc gatgtggcca tncagctgaa tttcttgccg ctgatgtcca ccgangcctt	780
ccaanaaatc acctaccact ggaaagaaca gcgnggncta atggaccaa ncanactggc	840
aaccttcaaa aaggccttgt tcttcanggc ttccaacgaa aatcgaaaat ccgggccgan	900
gggaaaaagc cggtttacct tacagggtag cctaccangg gtggccaaan caaccggaa	960
ccctgggggc caaaaagnga ttggaatacc na	992

<210> 1038
 <211> 1321
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1321)
 <223> n is a, c, g, or t

<400> 1038	
tttgagncct tanangngnn gtcggtatta acaaggggan gggcgcncta tagnaactag	60
gtggtatccc ccgggcntng caggnatnca nattcnntga gggnttnnc ttgagccctg	120
taggggagnn cncgtnnctn gggggcnnt cnatgancc tagtacnnan acnntctnt	180
tnagnnnatn ttttnngtg ncnntanann ngannngatt gcntngagcg ttnnnnnggn	240
tnncttnnat ncgggnatnn gnagcnattg tntggtagt tgnntanagg nnntatnntg	300
annatcnnt gnnnnngngg aangcnagg gngnnntncg anngtnctnt nnntgnacga	360
tntgacnnnn ttntcgatn nnanaatnnt ntcnnccaa nnttngctan atagnntngt	420

gnnnngcnan taaacnnncn annntannna nngattccna natnnncctn aanncgnttn	480
ancnnngtnn nnaatnanc ntggnnncng ntatnnntcn aatnnnnnan nntcgngcag	540
cntatgnaca atantggnta nntnnantnn nattagnncn actgatacng naantntntn	600
ncctntntcn atttngttt agnnngngng tnnnnagngg gttnantttnt nnnnggngt	660
ntcgtgtant nnaangtnnn nagggnggg nnntgnnann tnngaangng gananntatg	720
atgcncnna gtacttntgg aacttcattn ngnanggggn tnngtntctg nangngncnn	780
nngntgcatg cntantntnn nancnntta tngcncctg tntgnggngn tnnntggann	840
ttnggngngt ttannngnn tngngtaga cntgtgtcgn nnnagggtt ntntgngctn	900
tcnggatgtt gnntttganc agtnngtana tnannggntn antangnatn anatnnnta	960
ggacggtnat gggaaccng gtanatntt ttgtnnngtn nnnagtannn ggtgnagnna	1020
ntanatctan aancgaggaa ccnacnttn annngnnnnn ttcgnnntgn agtantagnc	1080
ggcgngnnn taagttanct tgcnacgatn cgttgtgtcn cncncganat angcgnttn	1140
acgttntctgn tcnnncacgt ngctcnnntn agngttcgt nncntatgna ggantntgna	1200
cgtntncgag ngaacnnaca tcgtcgnatg gcntnnaatg ngngcgtatt ngncgtngnn	1260
gacnantgac gcancnatan nncntntngt acgtangtaa gtcnnannnn tncntnttgc	1320
g	1321

<210> 1039
 <211> 929
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(929)
 <223> n is a, c, g, or t

<400> 1039	
ncaaannctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggt	60
gcaggcttga agaagaagta cccaatggcc aagtacctgt gtgtgttgct aattgtggct	120
ggagtggccc ttttcatgta caaacccaaa aaagtagtcg ggatagaaga acacacaatt	180
ggctatggag agctgctcct gctcttgtct ctaaccctcg atggactgac cgggtgtttcc	240
caggaccaca tgcgagctca ctaccaaaca ggcaccaacc acatgatgct gaacatcaac	300
ctttggtcga cactgntgnt gggagctgga atcctgntca ccggggagct ctgggagttc	360

ttgagctttg ccgaaaggna ccctaccatc gtctataaca tccttctctt tggcctgact	420
agtgcccttg gccagagctt catcttcatg acagtttgtt atttcggtcc cctgacctgc	480
tccatcatca ccacaactcg aaagttcttc accatttttg cctctgtgat cctcttcgcc	540
aaccccatca gcccacatgca gtgggtgggc accgtgctgg tgttcttggg tctcggtctt	600
gatgccaaagt ttgggaaggg agcccaagaa gacatccac tangaagaga gaagactacc	660
tcnactccaa gaatatataa anttattttc tccaacagtn gacatctctt gggaaaacgg	720
acacaattag agataaaagg gactattgtc antctgggaa aaaanannnn nnacnnnnnn	780
ntnccnnngg gggggggccc nnggccnaa tnttcccccc ttttangggg gngnnntnt	840
aaaaannngg gnnnnnnnnn gggnnnnnng ntnnnnnnn nttnnnnttcn aatnnngtnn	900
gnntnnnnnc nngnnnnntt ggggnnnnc	929

<210> 1040
 <211> 983
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(983)
 <223> n is a, c, g, or t

<400> 1040	
gcctatagng agnngnatta cagtggcggc cgctctagaa ctagtgggat cccnngnct	60
gnaggttaac gctgcagcct ccgncgtacc cgcgctgan ccntgccaa ncgcttttga	120
acaagaagan ggntgngcct nccangnatg ntgatcttgg caaaactgnc anggatgnnt	180
tcaccnaggg ctatggattt ggnttaataa aacttgatct gaaaacaaaa tctgagaatg	240
gactggaatt tacgagctca ggttcagcca acaccgagac caccaaagtg acgggcagcc	300
tggaaccaa gtacagatgg actgaatatg gtctgacgtt tacacgagaa atggaacact	360
gncaacacgc tgggcacgga gattactgtg gaanatnagc ttgcacgtgg cctgaanctg	420
accttcgatt catccttctc accaaacact gggaaaaaaa atgctnnaat caagacaggg	480
tacaagcggg aacatatcaa cctgggctgn gatgnggatt ttgacataa tggttcttcc	540
attccggggc gctctgngc tgggntatga angtttgctg gntggctacc anatgaattt	600
ttgaactgct aaagtctcca agtgactcat aagcaacttt tncagtttgg ctnacnanaa	660
ccgnngaagt nccagcttcn cacttaantg tnaaantgat gggaaccncn agtnttggtg	720
gcctccctnt tttccagaaa ggngaacnaa naaagtttgg annaccncn gttaattctn	780

gccttgacc cngaangana aacaanacac cactcctntt cggaanttan cctncccaag 840
 tcnccanttt tnnaacnnnn nncggccngg cttttnttct ntangtgga ccaaaccncc 900
 nccctgtttt ggattaggga tatactccnn aacccttnaa ntccnnggtt ttaaaacnnn 960
 cnccttngtct gctttgnttg gnc 983

<210> 1041
 <211> 983
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(983)
 <223> n is a, c, g, or t

<400> 1041
 gcctatagng agnngnatta cagtggcggc cgctctagaa ctagtgggat ccccnngnct 60
 gnaggttaac gctgcagcct ccgncgtacc cgcgcctgan ccnntgccaa ncgcttttga 120
 acaagaagan ggntgngcct nccangnatg ntgatcttgg caaaactgnc anggatgnnt 180
 tcaccnaggg ctatggattt ggnttaataa aacttgatct gaaaacaaaa tctgagaatg 240
 gactggaatt tacgagctca ggttcagcca acaccgagac caccaaagtg acgggcagcc 300
 tggaaccaa gtacagatgg actgaatatg gtctgacgtt tacacgagaa atggaacact 360
 gncaacacgc tgggcacgga gattactgtg gaanatnagc ttgcacgtgg cctgaanctg 420
 accttcgatt catccttctc accaaacact gggaaaaaaa atgctnnaat caagacaggg 480
 tacaagcggg aacatatcaa cctgggctgn gatngggatt ttgacataa tggttcttcc 540
 attccggggc gctctggngc tgggntatga angtttgctg gntggctacc anatgaattt 600
 ttgaactgct aaagtctcca agtgactcat aagcaacttt tncagtttgg ctnacnanaa 660
 ccgngaagt nccagcttcn cacttaantg tnaaantgat gggaaccncc agtnttggtg 720
 gcctccctnt tttccagaaa ggngaacnaa naaagtttgg annaccnccn gtttaattctn 780
 gccttgacc cngaangana aacaanacac cactcctntt cggaanttan cctncccaag 840
 tcnccanttt tnnaacnnnn nncggccngg cttttnttct ntangtgga ccaaaccncc 900
 nccctgtttt ggattaggga tatactccnn aacccttnaa ntccnnggtt ttaaaacnnn 960
 cnccttngtct gctttgnttg gnc 983

<210> 1042
 <211> 991
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(991)
 <223> n is a, c, g, or t

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<400> 1042
ttnaaaaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggnc naggtcgagc tncactgcgg cagcagcaga gcggagtgtg cattctgatt 120
tgctacgttt atatatatct tgaagctaaa tgtatatatg agtagtttgc cntgagataa 180
cacagtgtaa acagtagaca ccagaaatt gtgacttctg tgttctctcc atttgagtat 240
tttgtaattt ttttgaaata tttgtggaca taaataaaaa caagctacac taattcatac 300
tnaaaaaaaa aaaaaaaagg catncagtat nnangagaan accnacannt aaccctgag 360
atcnagcccg ccaccctgaa ncgnnncttc ctgnnggggg ggggcccchn cccaaaggtn 420
tgnagggaga gcnantntnc nnnnnnnnt nnnnnnnaan ccnnncngan annnntacng 480
acnaannncc nnnnnntttt gnngecnnn nnnntnnccn ttgncnnnnn tnnnnnnnnn 540
ncnnnttcc annnnnnann nnnnnnnnn nnnnnncng nnnannccnn ttnnntnnan 600
nnnnnnnggn tttttttnnn ncccccccc ccccccccc ccccccccc cccnnnnnn 660
tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntnnnnn nnnnnnnntt tanaannnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnccnnn nnnnnntttn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnntttt tnnnnnnnnn nnnnnnnntn nnnttnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnntnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 960
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 991

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<210> 1043
<211> 931
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(931)
<223> n is a, c, g, or t

<400> 1043
ancacagctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct 60
gcaggagctt attgaatgaa aactccagag actgaaaaac caaacatgag ggtagcaggt 120
gctgcaaagt tgggtggcgc tgtggcagta tttttactga cattctatgt tattttctcaa 180
gtattcgaaa taaaaatgga tgcaagttaa ggaaatctat ttgcaaggtc agcattggat 240
gcggttgtn c gttctacaaa acctcccaga tataaatgtg gaatctcaaa agcttgccct 300
gagaagcatt ttgnttttaa aatggcaagt ggagcagcca atgtgggtggg acccaaaatc 360
tgcctanagg acaatgtttt aatgagtggg gttanaata atgttggaag aggaatcaat 420
gttgcccttg taaatggcaa aacgggagaa ctaatagacn ccanattttt tgacatgtgg 480
ggaggaaatg tggccccatt tattgagttc tgaaggccat acaanatgga acaatagtct 540
taatgggaac atatgatgat ggancancca aactcaatga tgaggcccg cgctgattgc 600
tgaattgggg agtncatcta ttactcatct tggtttcaaa nacaactggg tcttntgggg 660
nggaaaaggc nttaanacaa aagccctttt gancgcgccn taaggaaacn tnggggcccc 720
anttantttg aaggatggnc ctgaanttgn ggaaatggaa aggatgcctt tccccaaac 780
caaaactggc cggggnaaaa acccganggg agncccttt tcttggtan ngggnaaagc 840
ccctncccaa aaaacctcn ttttaaannt tttaanaacn tgccccccct ttcggggggg 900
ggccttttcc ctttttnntt tttgnantaa a 931

<210> 1044
<211> 984
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(984)
<223> n is a, c, g, or t

<400> 1044
ttgaanacaa tctggagctc caccgcgggtg gcggccgctc tagaactagt ggatcccccg 60

ggctgcagga attcggcacg agganntaaa ctagaaatcc ctctaacctg tgaatgaaga	120
ggggtggacc ctgagcagtg cctcaataaa acaagtagcc ttacttgtca aaatgtagct	180
gcattgaagt ggcacactgc tcttctggtc tccagaattt ttctgttcta aacttgattc	240
tcttagcctg tccccacccc gcttgcttcc ctaccctctt ccgcctctca caggggtgat	300
ttctacctct tgggccaga caagatctaa aagagttccc aagtgttctc atgaggcgat	360
gtgtctgccc ttggagtgtg agatgcttcg gtgagctgtt cggaccatca ngcgttctgg	420
gcccgcgtta tgcaaagagc tccgggagcc tttcctttgc ttgacaaatg agcgttgccg	480
tccttggatg tctggcagaa agtagcatac ctgcttctct tcatacattt tttaaactag	540
taaattgcat ttttggaag caaaagcaac ttttaaaata gtctggtttt aattctgcaa	600
tagtttttct tcccttcgaa actgttctgt gagtctaanc tgctgctctt tctttttctc	660
cctaaaatct gagtatttct ccattgtccc ctacgccgga aatactacag atgtggtttn	720
aatcgaactg gacaggttca ccttatactg ggnaagaaaa ttaccttct taattggccc	780
aagtaaaaat taactgtcaa gcaaatatgg ttcatttgga ttattattac tgnaggtttt	840
atattcaang aatttggtcaa actttttntt taancctggg acttcattgt ntaaaattan	900
ttaaaaggtt ttnaaaangn gaaccggant naatcaaata attttgaaac aaaacaatgg	960
ggcntggant ttttttaaaa aaaa	984

<210> 1045
 <211> 981
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(981)
 <223> n is a, c, g, or t

<400> 1045	
ttganaacag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg	60
gctgcaggna ngaactanga ngnnnnggnt gctnnnttgt ccngnncaag ngnnangctg	120
ntgnggnnnc tacnaanctc tgccgctnat tgncctnctgc agatggagct gtgcatggga	180
gcatcannca caggagacct ntggtnannn cncgtgnctt nngccacacc tgnngngagt	240
gnacngcntn ntgttgnccc ttncgacat gacnnnacat naaanncngt gnngnnggnt	300
ntntganant atatectntn tntntgactg anaccagca atnnttnngg ggggtccna	360
ancnnatggg gaaaggtngg gnggggggtg tcccttcatt aggaaattgn agtangatgt	420

cnttttatag aattgtttta ttgtatagtg ctatttgaat gntggaaacg acanaatnaa	480
actgcncctt actctcnnaa aataaaaaaa ananantntt tnnncggggt ttctntntnn	540
nttttnnnnt ntntntnnat tttttntna antnnnnngn nngcnaanc atttctttt	600
ttntttntn tnatntctnn nnnntnttt ttntnccnt tcttctttnn tnnntnnana	660
tntntnecn ttntctntt tngnnnnnc tttcttntn cntcnantnn tngctnnnn	720
tnctnattn nnncttctn ntcnnnttt nntactncnn tttntacntn ncnntntnt	780
tnnctctna nnttanntn tnttttntn ntntttcnn ntannntngt nctnttttt	840
nnancctttn nnttacnt nnttntnt nnttnanta ntntnnant ttantntnt	900
annantttt nntnnnnnn atntntnt ntntntnn tnatncctt nntnnncna	960
tntntntnt nntntttt n	981

<210> 1046
 <211> 1591
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1591)
 <223> n is a, c, g, or t

<400> 1046	
ncgncanngn tcgtaccgt ntannntnn nnnnnnnntn nnnnnnnnn nccncccc	60
tctctnate nccacntct cctcccttc ttncncnc tcnnnnnann ngcnegang	120
ngcagtnecn tgccntttt ncacaaaaac tggagctcca cgcgngggcg gccgctctat	180
atctagtga ttccnccgnc tgnnggcaat tattatttn tnttattta tacacctcg	240
aatacactca atntanntat natngcccac ttctcatccc tatntcgng ttctntnct	300
tntcttgnt cnnanacaca nccattctc attcnatna cnttgntnt actagntant	360
tcgntnnnta ttntcatta tttntatan tntnnatana ctanatatna ttnttaantn	420
cnatnttgc ttttctcat cttncntta anacnantct nttatttca aaatnttant	480
tntatttcaa canantntn anttattnn cctncctnc tatgtnnata ttcnattnt	540
natgaaacta ctcttnannt tcanttnatt cntcantatn tantnacnat taatatnatg	600
tnnctnnnt ncacntattn nataccaan tatcttttca tatctcanac ncnntttna	660
taatcanatc tatntctnt naatctttna caagctnnnc taanntctn ncatnatta	720

tttctnnnct gnttanantn nanttnnatt nanntncacc ttnccttcaan tatnatntcn	780
atgtacnata nnnccnnnca nnaaactcnt tnnctctntt ccnnncctat tnctaactnc	840
tntaanttca tncantnann cttnnantntt antnnttntc nnnntanctc tcatccanca	900
ttntctnctn ctatttnnch accntcntcn ccntntnttc atangatana ntatnttcat	960
nntcaaacat tcnnccntnt aanttcttat aactnnnntt atntnaacnn nncatgtta	1020
tctnactnac anttacnntt cttntatata tatctcnctt ttancntngc atngnnaagt	1080
ngcnttttat ctagcnntat nnncttatch tnttcattnn tcntannta natctgnctt	1140
cntantatac ttctcanata ngcatacatc anctcnacac anttcnnanc actggtatnn	1200
ancatancta cnnttatnct ntatctcttn tnnnncntta acanntactc antattaact	1260
ngtcatatct atcntntnat ttntatnnnn tcatacncta tntcttana tctattnatt	1320
cttantgtca ttattatacn nttntanagn ataaatttcn tacntancac tattacattc	1380
tctagcgga tntacattnt cttntncgct nannccncag tctntactt anatnatntt	1440
tntatnctac tatccnact ctntnnacnt anaatctant tncattnann nttntccctc	1500
tnngncaata nacnnanang tcncatncna ngntgnact atagacacac tattccgatn	1560
nntntcata tctcntntca ctanntanc c	1591

<210> 1047
 <211> 1214
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1214)
 <223> n is a, c, g, or t

<400> 1047	
ttgagancnt nnnntggngn ngntntncan gggggagtag gctctagaac tagtggatcc	60
cccgggctgc aggcaatccn gcangaggag nngngcanct ttcttcgggc gtcccgantc	120
cggggggcat gctnacannn ctcggcttca accntantc gngttgcnnn nccancncta	180
gngnggnga nntncggggn nnnngnntct tnnnnnggtt ancntgngcn ncntnatnaa	240
ntcanngaan nnanancgan gngcgnnnng tnatncnnag tccatancnn ntgcnttagc	300
cagnnccnng ntntctggagn angctngnat ngcngnntnn natagnccnn ttnnngnana	360
atagacnnat cnacagggnn agcngtnggt gangntngga gagnntanc atgccnnnng	420
agntacntgt tnaccnngat acgggaccnc gatngcnntt nncntaagc ncngnanncn	480

gcngtcnnnc ntctgngcnn ntttnttng gcncncnnt agccnatntc nattgganca 540
 agagncgntc ganantcntn canggatcnn cntngcnnga gnnngngcnn atccannnct 600
 gnnnttgnnn nctgngngnc anannacnnn ttncgnangt nnnngnnnagt gntgtnnnac 660
 nattnnncnn tcgagaannn cgtnggancn atntcgnntn nntnggagtn ccggacnntc 720
 cngaangnnn cggnnncggg attnananga nntcttctnt ncnnngaagn gnnancgnnt 780
 ngtgggagnt tgnnncnnta gancatnnnn naagnnannn aaaaggttgc nganacgtgc 840
 nagnntnngg cgtcatacgc nntcgtaggn cnntnctggn taggagnnnn nntnnntaan 900
 ntgatcantn ncgatcnan gtantnaacn gtntnnnnnn tgtgccgant cgnnnnggcg 960
 tnnngnggat gcncnanggg nannctgnct gnatgctann ntntntgtcn nnantcngcn 1020
 nagnnccn tncaganca tgtnacncta ncantnatac attggnatnt nagacnnnag 1080
 ctatggcgtn agcnanctan gcacatnag tcntgacann atntnagnna cngtgcnan 1140
 ngcnggnact agtcgngtgc gtccccgngc gcgnananan tgtggtntt ntctctcta 1200
 nntcngtatc gncg 1214

<210> 1048
 <211> 1021
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1021)
 <223> n is a, c, g, or t

<400> 1048
 annatctgga gctccaccgc gggggcggcc gctctagaac tagtgatcc cccgggctgc 60
 agganttcga ncncttntnt tttgaggcct ctgacaaagc cgcaatgttt nngactagaa 120
 ataattaccc agggatgatc atgacgtact aaataccang acagagncta ngaactcatt 180
 atgaaacat tnaactgcaa tggnnntgc cnatctgna cacangtcct gtctttcat 240
 tcatctcana ttattttgaa ttctttccaa atggctgtng agnttanatg gnggtagggc 300
 tgtgagccat aaatctgaag cgttganaag cttgggcctg gagagccatg aanagggaaa 360
 gaaaagangg cnngtctcga actnagccaa ggaccngatg gattgctcga ccagacaca 420
 gaagtgaagc ctgtgtncac gtgtcgccca cagactggag tttttggtgc tgaatacaac 480
 ancgtgttgc tgaaaaacca ngggttngg tgaatanaat gttttgattt gattgctatg 540

tatgtntctac cagtgtgtgg acctttgaaa natnatnnag ntaccccccg attnntnana	600
cnaaanaann naaactccnt ctctgggggg ngcccccn gn ncccctaatt ccgcccttta	660
tanngnntnc ccccnacnn tncctatatt ctgtcttnt ctectnngnn ngcnnttat	720
catnttccga ttcattacat ttatctcngn ntgtnccecn cctnnnnncc tncnttttn	780
cgnncgntnn tncctnnnn gctnnntttt ccnaancct nnnntctgct nntctatctn	840
ccngntca ntgnntatcc nttgcgcntn cntgttnaat ntctntanct ttanctngnc	900
ttgccatcnn gtctnnttcn cnnctatca gttntttttc gnntatncnc nncctnnctc	960
gntttctnt gnantatctg tctngnncnn tttncgtnan catctgctct ntttgngcan	1020
c	1021

<210> 1049
 <211> 1019
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1019)
 <223> n is a, c, g, or t

<400> 1049	
tnagcctata gngagtngta ttacagtggc ggcccgtctt agaactagtg ggntccccng	60
gctngnnggt tganaaanna gacancatnt gnccncgcnc nngnggnngg ggggannngg	120
ngnangnnng gcnccttngn ngcgcaangn nagnnnagna nnnnngangn aaaancnnac	180
nttttgnncn nnggannga tacantttct aggtgnaccc ctntgtggnc ngaccggtgt	240
ttctcnacag agctnntgcc agcttatan gctgaacnt gtcactgcat gatnggtgaa	300
ngtcnacgct tncgtctnga gantgggtgac tccgagctan naattgctgt ccntccgggg	360
agctctnggg agttctngng ctntnnngaa angggcccta tgataganga tntgcatact	420
nctctctgan cncactnntg nccntgccca cananagntt tttntgaaac gtgagtgtat	480
cancncctna ccnctgttc ntentcacia atgcnnagtt cctncagnat tttgggctac	540
tttgatgctc ttgccacnc nannaggnc cntgcaggng gagtggncac ccacncngga	600
cncaantttt ntgctanggg tttcattgan caaactttgg aangngntg gcctgcant	660
tanttcenna ctgggnaaga naagganaac tancntcccc ttttctgaa gantggnnnt	720
tnnatatnnc tncgccatt tgaacntncn attttnggn naaaagggac ngcaanggnc	780
aaanaatnnt tnntgtaang tggngnnncn cggnnnnnta acanannaaa aatctngnc	840

ngnnetenct nnnngggngg gncnnnnccg ncccatnntt nttgttttta tgggnencct 900
ctttaaaacc ncnanattcn naaagncenn gnnccnttnc ccentgncncg gcnntttntt 960
nnnnnnnnnn antnnagtcc nagatnnctt tttttctctt cccnanantc gtgncnnnc 1019

<210> 1050
<211> 1019
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1019)
<223> n is a, c, g, or t

<400> 1050
tnagcctata gngagtngta ttacagtggc ggcccgtctt agaactagtg ggntccccng 60
gctngnnggt tganaaanna gacancatnt gncncgcnc nngnggnngg ggggannngg 120
ngnangnnng gcncttnngn ngcgcaangn nagnnnagna nnnnnngangn aaaancnnac 180
nttttgnnnc nnggancnga tacanttctt aggtgnacce ctntgtggnc ngaccggtgt 240
ttctcnacag agctnntgcc agcttantan gctgaacnct gtcactgcat gatnggtgaa 300
ngtcnacgct tncgtctnga gantggtgac tccgagctan naattgctgt ccentccggg 360
agctctnggg agttctngng ctntnnngaa angggcccta tgataganga tntgcatact 420
nctctctgan cncactnntg ncccntgcc a cananagntt tttntgaaac gtgagtgtat 480
cancncctna cennctgttc ntctcacia atgcnagtt cctncagnat tttgggctac 540
tttgatgctc ttgccacnc nannaggnc cntgcaggng gagtggncac ccacncngga 600
cncaantttt ntgctanggg tttcattgan caaactttgg aangngnntg gccntgcant 660
tanttcenna ctgggnaaga naagganaac tanctcccc tttctntgaa gantggnnnt 720
tnnatatnnc tncgcgcat tgaacntnnc attttnnggn naaaaggga ngcaanggnc 780
aaanaatnnt tnntgtaang tggngnnncn cggnnnnnta acanannaaa aatctngnnc 840
ngnnetenct nnnngggngg gncnnnnccg ncccatnntt nttgttttta tgggnencct 900
ctttaaaacc ncnanattcn naaagncenn gnnccnttnc ccentgncncg gcnntttntt 960
nnnnnnnnnn antnnagtcc nagatnnctt tttttctctt cccnanantc gtgncnnnc 1019

<210> 1051
 <211> 1055
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1055)
 <223> n is a, c, g, or t

<400> 1051
 ttgaaaacat ctggagctcc accgcggggg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa ttcgncanga tgcntttcgn taccgncna ctgganggn nacnnngnc 120
 agnnnccttc ntatantgnt tnntantaaa ggnntanatg agtnctttnn cntnatatac 180
 ctca nggtac acnctnnact ccagacatt ntnacttctg cgttttntcn nttgaantat 240
 ntgctattng ctttcgaant tatgctacga cntannaaca gacnactgc actnntttat 300
 ntnacaaacc nnnatccgng nnnntatcnt gcnttttnng gnttacctnc ancngcctct 360
 ttatattctg nccctcacac tgcannngtn nanntcttga nactggncgg cncntatntg 420
 nangctctgg aangnnctac nnncnatca aatnanatcc cntnnntant ccnaagnntt 480
 tntccttnna anacnatagc acnccttttn ccgntggaag tttntngaaa aaaattncct 540
 tncnnnagnt nttanaaccc tntncnnaaa tttnttggnt ntngnttnna attnnnaacc 600
 ncctttaatt acnngntntc ttanatttna ccgngntttt ttntaaacca ttttgantnt 660
 cttntgggta aaattccttt ntccgnaaaa cnccttttn taaantnaan tggnnnantt 720
 tcttnaanna aaacacaann tttntntttt ttnggggggn nnnncnncn aaccanact 780
 cttnaanttt ttttnccttn aaacnaaana attcttttn ttnctnnta tntntttnt 840
 tnantttaaa tttncctnt ntttncctt ttntattctn cttnactna atatgtntct 900
 ntncntcnn ttatctnnc nccnattttt nntctccct nttntcttn cntatanntt 960
 ntngnctct gtcttantn tnantttct ttnncangct ttttntctt antctnatct 1020
 nccnncnac tnatcttna nncnatnnn nctct 1055

<210> 1052
 <211> 993
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(993)
 <223> n is a, c, g, or t

<400> 1052
 ttgagcctat nnggagcncg catnncngng gcggccgctc tagaactagt ggatcccccg 60
 ggctgcagga gntaaggctg agaagncnga tactaannng aaaaancctg tgccangang 120
 gctgannctg gcnagaaggc taaanagggtg gaaanggtga cnaangttan gaagggnaag 180
 cccactgca gccgaaatcc tgtcctggtc agaggaattg ncagatatcc ccgatcagcc 240
 atgtactcca gaaaggcctt gtacaagaga aagtnttcag cagctaaanc caaggctcga 300
 aagaaaaaga aggttcgtgt tcttgctact gtcacaaaac cagttggtgg agacaagaat 360
 ggtgnaccgc agtgggtcaac ttcgcaaant gcctaggtat taccctactg gaagatgtgc 420
 ctcgaaacct gttgagtcac gcaaaaaacc cttcagtaag catgtgagga agctgcgtgc 480
 cagcattcac tcttgggacc atcctgatat tcttacttgg gcgccacaaa ngcaangang 540
 tcgntttcct tnaancagct gggcagnggc ttggttactt gggactgggn cctttatccc 600
 tcaatcgagt tctttgngga naacacacca naaaattgnt atttgccncc tncacccaaa 660
 aatcgntttt caggnggggg ngnaaaatnc ccanaanatt tttacttgan cctttacttt 720
 aaanaaanaa aaaaacctgg gttnaaacc canaccccn gggngggcgg anatnnttcg 780
 accccgggg ngngngggna antttcccg gatttcccn gccncgcnc cangggtnca 840
 ntccaaaaaa agcttgggg gcctncnaaa aattntngng gaannaaaan aaaaacgtnt 900
 tcctttaang tttccanggg gnttcccttc ccctnccggg gtttngcttt ccccaaaaag 960
 gggaantttt ttctcncaa aaggaggng tnn 993

<210> 1053
 <211> 964
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(964)
 <223> n is a, c, g, or t

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<400> 1053
ttnannacaa nctggagctc caccgcggtt ggcggccgct ctagaactag tggatccccc      60
gggctgcagg ccagatttcc ttttctgttt ttggattgct ggcagcttaa gggccaaaga      120
gggtggtcatt agtggttagtt gctcagtggg gatggacagg gaagcctggt gtactgcagt      180
ccatgggggtc acaaagaatc agacacaact gaactcaatt gaactgtgtc tctttacaac      240
ctgatagact gtagcccacc atgctcctct ggccctgaaa ttctccaggt aagaatactg      300
gagtggggttg ccatttcctt ctccagagga tcttcttgac ccagggatca aaccaggtc      360
tccctcattg caggcagatt ctttaccatc tgagccacaa gggaagccca aaatgggttg      420
caggcaggct gaaaacacca cagacatttc ttgagtttat gtgcctttta gtgtaaaggg      480
tcagaggaaa gagagtcatt ttgagagagc aaaatgactt tttcttttta tcttctact      540
ctcttctga agtgccattt gagactgcag taaggtaagg gaaagaatgc tttccttcat      600
gaaaagaggc aggggatcaa attgatgtgt aacttggcct aatgaaggac tcccacgccg      660
attgtggntg acttgccctg ctgcacangt ggtggaggna acgatgtggt ttaaccngng      720
tgaactctga taataancgg ctgganccga aatcccgccg ggaaagcctg ggtctnctc      780
taaccttaat ttgggggcct ccanaactg gnccaggnaa ttgggcttcn cgccgggttc      840
aaaaagncac cgnganccaa aaacttttga angggtttga aaaacctttt tggncaaac      900
cttgnaaggg ganggccctt tccccaaaan ccttgttgna acccnccaag ggaaanccca      960
nggn                                                                    964
  
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<210> 1054
<211> 911
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(911)
<223> n is a, c, g, or t

<400> 1054
ttgancanag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggga agaactctga tgcagaggtt gcaccttttc ccagatgaag atataccagn 120
agatattctt aagaatttaa cagaagagct tcctcaacca cgaaaagtgc ccagacgtct 180
agatgagtac acacaagaag aaatagaggc tttcccaaga gtttggtctc cacctgagga 240
ttatcggtcg taggaggaag aaaatttcag aaaataacgg tgtggtgctt gaaactcctt 300
cctcagggca ggatgaagca atagctgcct tctggaagga agcctgctct gggggctgaa 360
agtttgtggg gaaaggctcg gaaggggtat cccttcatta ggaaattgca gtangatgtc 420
attttataga attgntttat tgtatagtgc tatttgaatg ttggaaatga taagaataaa 480
actgcgcctt acttcaaaaa aaaaaaaaaa aaaaaacctt gggggggggc ccggccccna 540
atttccttnt angggagntn nntannnann nnnnggaang naaagantgc tttntttntt 600
gannnnncngc ctgggntnaa ntnnnnctn nnnntgncct nggganngac nncnncnncn 660
ttggggttgn ctngccttnc nncctnnnnn gnggnnggaa ccatggncnn ncnngnnnnn 720
ncnntngnnn nnnnngnnng gcccnnnann cnnenggnnn ncnnnnnnnn ncnnnnannn 780
naattngnnn gnnnnnnnnn nnnnnnnnnn nnnngnnnt nnnccnnnnn ncnnnnnnnn 840
cnnnnnnnnn nnnnttnnng gggnnnnnnn nnnnnnnnnn nnnnnnnntt nnnnnnnnnn 900
gncccccccc c 911

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<210> 1055
<211> 1035
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1035)
<223> n is a, c, g, or t

<400> 1055
aaaanctgga agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg 60

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caggaaattc gatatcaagc ttatcgatac cgctcgacctc gaggggggggc ccggtaccca	120
attcgcccta tagtgagtcg tattacannn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntnnnnn	300
nnnnnnnnnn tnnnnnnnnn nnnnnnnnt nnnnnnnnt nnnnnnnnnn nnnntnnnnn	360
nnnnnnnnnn nnnnnnnnnn nnnnncnnnn nnnnnnnnnn nnnntnnnnn nnnnnnnnnn	420
nnntcnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnann nnnnnntnnn	480
nnnnnnnnnn nnnnnntnnc nnnnnnnnnc nttnnnnnnn nnnnnnnnnn nnnnnnnnnn	540
tnnntnnnnn nnnnnnnnnn nnnnnnnnnn annnnnnnnn nnnnnnnnnn nnnnctnnn	600
ttnnnnnann ntnnntnnn annnnnnnnn ntntntnnn nnnnnnnnnn ntannnnnt	660
nnnnntnnnt nnnntnnnnn nnnnnnnnnn tnnnnnnnnn nnnnnnnnnn nnnnnnttn	720
nnnnnnnnnn tntnnnttt cncnnnnnnn nnnnnnnnac nncnnnnnnn tttatnnntc	780
ntnnnnnnnt nnnnnnnnnn nnnnnntnt nnnntnnnnn nnnnnnnnnn nnnnnnnann	840
nnnnnnnnnn nncnnnnnt nnnnatnnnn nncnnnnnnn nncnnnnnt nntnnntna	900
tnnntnnnnn nncnnnnnnn nnnnnntnnn nnnntnnnnn atntntntn nantcnnnn	960
agcnnntnn nntnnnnnnn ntntnnann nntctnna nncnnntnnn nnnnnnccn	1020
cnnnnnnnnn nnncg	1035

<210> 1056
 <211> 981
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(981)
 <223> n is a, c, g, or t

<400> 1056	
nncaaanctg gagctccccg cgggtggcggc cgctctagaa ctagtggtac ccccgggctg	60
caggaaattcg gcacgaggag aggtgcaact ttcttcggtc gtcccgaatc cgggttcac	120
cgacaccagc cgcctccacc atgccgccta agttcgacct caacgagata aaatgtacct	180
gaggtgcacc ggtggggaag tcggtgccac gtctgccctg gcccccaaga tcggccctct	240
gggtctgtct ccaaaaaagg tcggtgatga catcgccaag gcaactggtg attggaagg	300
tctgaggatt acagtgaac tgaccattca gaacagacaa gccagattg aggtggtacc	360

ttctgcttct gctgatcat caaagccctc aaggaaccac caagggacag aaagaagcag	420
aaaaacatta agcacagtgg aaacattact tttgatgaga tcgtcaacat tgccggcaga	480
tgccgcatcg gtctctagct agagaacttt ctgggaacca ttaaaagaga tcctggggac	540
cgccagtctg tgggctgcat gttgatggcc gccacctcat gacatcattg atgatatcaa	600
cagtggcgca atggaatgcc cgctagttaa gactgcaaag gaaaataaan ggaccatttg	660
acaccaaaaa aaaaaaaaaa actngngggg gggccgggnc ccaatttcnc ctttagggg	720
ggnnnnnnnn tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960
nnnnnnnnnn nnnnnnnnnn c	981

<210> 1057
 <211> 918
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(918)
 <223> n is a, c, g, or t

<400> 1057	
acaaaactg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggaattc ggcacgaggg ctgcctgtta caataatcag caggtgttca aggggggtgt	120
gaagattcna aaagggcaag cggtcaccct gatgatggat gccaccaaca tgccagctgt	180
aaaagccata atacaccagt acatggaaga gatttatcac agaattccca actctgaccc	240
ctgttccact aaaacacagc agatcatctc caccatcagg acacagaatc tccccaaactg	300
tcagctggtc tcgcgagacc actactcgcc catctacctg tcgttcgtca tgctcctggc	360
ggccctgagc tggcagtacc tgagcaccct gtcccaggtc acagaggact atgttcagac	420
cggggagcac tgactggctc ggtctggaga ctgaacgcc ctctcccaa gccctatct	480
gggaaacaga ctgaccttct cttcagggat ggatgtgggc tccttctctt ttttcccta	540
ctgtnttaat cctcaaaga gtactgtggg cctggacctt tanaaactgt gacctgtggt	600
ggagaaaaag ataggattaa agggaaagga cagctcagcc acctgtactc acctgtgcgg	660

ggtgactgac gcccgaaagt tcacggntgc catcaaggaa agggctgcat ccggggcttg	720
nagaggaaga tcatagtgtg aatacagggc tanagttaca antaaatgta tttaatgccg	780
aaccaaaaaa aaaaaaaaaa aacctngggg gggggggcccg ggnccaattt ncccccttat	840
nggggggngn tttnaaannn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnn	918

<210> 1058
 <211> 1071
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1071)
 <223> n is a, c, g, or t

<400> 1058	
ttgagncctt ntagtgnggt cgtanttaca gtggngggccg ctctagaact agtggatccc	60
ccgggctgna ggaaattcgg caccaggaat nntntatct gtgatgggtg cnngaagacc	120
gngnntgtct tgccanaatg nnttanatan ancaaanntg tnnctgcncn tacangnaa	180
tacntanctt ntgggcnag ggggagtga tncgngnga antcncctt gncanctta	240
ntgatcangt gcnanncacn nntannagn ccatgatent cctgnccggg actcnggtg	300
atnnnangnc nnnntgagge caccgannng anagcngnct naagcacttt atncaanctc	360
tctggggctg tggntatgcn tntcatnatt ggtattacgn cccgntcttg cnccttngn	420
ttncctngta nanncaccta ccaggnnngg aagacnagtc ngnattagnt ngnttcnggt	480
nggnaatcnn tgatatcttn nntnggnna agggcgctct cccnncattt ttgntnnttn	540
annactactn gagnacnct ntaactnntt atttttttaa ttttcctct tntncaacc	600
cttgcnttg nccagcccttc nctctantn tntnattnct ttttntgga tctcanntt	660
nttttnncna tatnntgcnn cgnccncttc ttentnnan ctngccantn nntntcttt	720
ttngnntnan tncgttnacn ccctctnnnn atattnctna angggntnn nggttngnt	780
ntnttttatt tatanangnn tcngngnntt ntanntannn cccnannnt cnataagaat	840
ccnntgatc tntcagnnan ctctcgtttc ctcttngnnn nccccncaa tagtnnntna	900
tncnatntag ngcnngnan cattgtcnct tnnngtctc tnatgctcnc aacnatgatn	960
gtctcnngn nnattntnta tctntccctn tnanaattan nntagnagat ncnntntcg	1020
nnncacntaa taactngatg tngctcctag gatttcnctt tgngcnctnc g	1071

<210> 1059
 <211> 1071
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1071)
 <223> n is a, c, g, or t

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<400> 1059
ttgagncctt ntagtgnggt cgtanttaca gtggnggccg ctctagaact agtggatccc      60
ccgggctgna ggaaattcgg cacgaggaat nntntatct gtgatggtgg cnngaagacc      120
gngnntgtct tgccanaatg nnttanatan ancaaanntg tnnctgcncn tacangnaa      180
tacntanctt ntgggccnag ggggagtgna tncgngnga antcncnctt gcncanctta      240
ntgatcangt gcnanncacn nntannagn ccatgatcnt cctgnccggg actcnggtgg      300
atnnnangnc nnnntgaggc cancgannng anagcngnct naagcacttt atncaanctc      360
tctggggctg tggntatgcn tntcatnatt ggtattacgn cccgntcttg cnccttnngn      420
ttncctngta nanncaccta ccaggnnngg aagacnagtc ngnattagnt ngnttcnggt      480
nggnaatcnn tgatattttt nntnggnna agggcgctct ccnncattt ttgntnnttn      540
annactactn gagnacnct ntaactnntt atttttttaa ttttcntct tntncaacc      600
cttgcnttgg ncagcccttc ncntctantn tntnattnct ttttntgga tcctcanntt      660
nttttnncna tatnntgcnn cgnccncttc ttcntnnan ctngccantn nntntcttt      720
ttngnntnan tncgttnacn ccctctnnnn atatnctna angggntnn nggttngnt      780
ntnttttatt tatanangnn tcngngnntt ntanntannn ccnannnnt cnataagaat      840
ccnntgatc tntcagnnan ctctcgtttc ctcttngnnn nccccncaa tagtnnntna      900
tncnatntag ngncnngnan cattgtcnct tnnngtnctc tnatgcntc aacnatgatn      960
gtctcnnggn nnattntnta tctntccctn tnanaattan nntagnagat ncnntntcg     1020
nnncacntaa taactngatg tngctcctag gatttcnctt tgngcncnctn g              1071
  
```

<210> 1060
 <211> 978
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(978)
 <223> n is a, c, g, or t

<400> 1060
 ttnaaaaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa ttcggcacga gggcggcgcc cagagccggn tcngcgcgtn nactgcccag 120
 agtccgcggc cgnggcgcc cgagaagcca agcanccatg gcctatcaca gnttcctggt 180
 ggagcccatc agctgccacg cctggaacaa ggaccgcacc cagatcgnta tctgccccaa 240
 caaccacgag gtgcacatnt atganaagag cgggaacaag tgggtccagg tgcacgaact 300
 caaggagcac aacgggcagg tgacaggcat tgactgggcc ccagatagta accgtatcgt 360
 gacctgtggc acagaccgca acgcctacgt ntggacnctg aagggccgca cgtggaagcc 420
 cacgcttgtc atcctgcgca tcaaccgcgc cgttcgntgt gtgcgctggg cccccaatga 480
 naaaaagtgc gntgtgggca gtggcttccc gtgtnatctc catctgntat ttcnagcagg 540
 aaaatgactg gngggngngc aagcacatna agaaagccca ttcggttcca ccgtcctaag 600
 cttggacttg gcaccccaac agngtgcttc ctggccgccc gnttctgna nttnaaatgc 660
 cggatntttt cagcctacat taaggaggng ggnggagngg ccagcacccc accccgnggg 720
 gggtccaaaa agccgttccg gggaaacttga tgnttcaaat nccaacaata accttgcggt 780
 tggggngcat ggggntttgg ttttttnggc caaacgggaa ntnntgtaan ccttggggtn 840
 aaccnccaaa aagnaccng ggggccttgg gtttgatgct tgaanaaaaa aaaagggccg 900
 nnnngnaaan ttttggcctt ttgaaaaccc tttncggtt gttggccggt aacctttttt 960
 taaangggga aggaggnt 978

```

<210> 1061
<211> 959
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(959)
<223> n is a, c, g, or t

<400> 1061
ttnaancncn atctggagct ccaccgcggt ggcggccgct ctagaactag tggatccccc      60
gggctgcagg aattcggcac gagggtttta taaatttaat atatttatca agccaaatgt      120
gcagatgcta actggacgct ctggagaagt gggcccaggg acgcccnaacc ctgttctctn      180
ttcagcagtg ggaaggccac atatttcagt ggccacagcc acaggaagct cagattctct      240
ggctaaaggt aacactttgc cctcctgtgc tctctttanc ttcccgccac ccccaggtag      300
ggggcgagaa tggcactgga aaggcctggc cctaaagtat agttcttana gcaaggggag      360
cttanacctc aggcgcccc caggaggcct tgagactggg cagaaggggt ctggttgcta      420
gagcctgtgt gcaaaggggt gccagcagcc cccctgagct agtgctggga ggactaatgg      480
tggggggggg ggctgntac tcccctnagt cccctcctcc ntgttgacat ntggggcttt      540
gaccctttnt tttttaatct acttttgcta aaaagcnttt aataataata ataangggac      600
aaaatgcaaa ccttgtttcc ctncctttt gggcttntng gaatgtcatc acctccantt      660
tgttggggtt gtttccactt gttaataaag cctttgaaac cgtnaaaaaa aaaaaaaaaa      720
aaaccttgng gggggggccc cggancccaa attncccctt aaanggaggn nnnaaaaaan      780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      840
nnnnnnnnnn nnnnnnnnnn annnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnccccc      900
cnnnccnggn nnnncncnnc nnnaaanggn nnnttntnnc nnnnnaaaaa nnnngnnnn      959

```

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<210> 1062
<211> 968
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(968)
<223> n is a, c, g, or t

<400> 1062
ttnanaaagc tggagctcca ccgcggtggc ggccgctcta gaactagtgg atcccccggg      60

```


ctgcaggggtg aanaccaccg ntnnnnctaa gccanaatgg gaaaggngaa naccnnatc	120
canatcnntg tcattgggca cgtagattca nggaagtcta ccacgactgg ccatctgac	180
tacaaatgtg gcgggatcga catagagaac aattgaaaag ttcgagaagg aggctgccga	240
gatgggaaag ggctccttca aatatgcctg ggtcttgac aaacttaaag ctgaacgtga	300
gcgtgggtatc accattgata tctccctgng naaatttgag accancaagn actatgttac	360
catcattgat gccccaggac acagagactt natcaaaaac atgattacan gcacatccca	420
ggctgactgt gctgtcctga tcgttgctgc tgggtgtagga gaatttgaag ccnnntctc	480
caagaacggg canaccctg agcatgccct ttnggcttac accntgggtg ngaaacaact	540
aattgttggc ggtaacnaaa tggattncac tgagccacc tatagccaga agagatccca	600
tganattgtt aangaagtca gcacctatat taaagaaaat tgggctcanc cccgacacag	660
tagcatttgt gccaatctt ggggtgggaat tgtgccaacc atgctagaaa ccaagtgcta	720
atatgccatg ggtcaagggg atggaaagtc acccgtnang gaccggcnat gccagtggga	780
accaccct gcttgaagct tntggaatgg anttntggcc anccaacttg gnccaaattg	840
aaaaaacct tgcgttttgc ctttncang gaagggctaa taaaaaattg ggggggattg	900
ggacctgggc cccttggggg tccggggggg gaaaantggg tgtttttcna aacctngng	960
tngggggg	968

<210> 1063
 <211> 989
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(989)
 <223> n is a, c, g, or t

<400> 1063 anaaccgctg gagctccacc gcgggtggcg cgcctctaga actagtggat cccccgggt	60
gcaggaattn gatacnaggn nntngatnc nnattgnntg gnaggagaca cccnnncttn	120
ttcatgnnca tctnnntnng agtnnctng tccattcttg cntnccgcat gcctctactt	180
tgactgacat tctgtgtngn aaanntgnnc aaccactgtg gggancancc ctactgangg	240
aanantgnta tangncnatn ccataacctt antgacnngg nttatnnatc nccaanncta	300
cttgggtatg gnagtngact agatgtntnn taacttntga gtattnttta ttngangctt	360
ggctnacata tagacttaaa ctgtcagctt ggannngtct attncttaaa ctttgnaana	420

tatatatata ttcttgntct tccattgaat gcaaattgat agacaaagat gtacnattgc	480
tctgttgtn tttnggatta tgaacgaaat ggttgtagacc aatttgngg aagggacaca	540
caccaantcc tggggatggn tatgtntann ntntctggca ttggcntaaa tnnttganag	600
ttcccnttcc cattnacact cccatnatgc tttaaannaa aaaaaaaaaa aananntnng	660
gngggggggg cccctgacc ccanattttg gacttttntt ggagngcttg ttttaanaan	720
ttggngnaaa ntntntntn nttctttttt gggnggaanc cntntcttcc cttttnttcc	780
gntntnaaat tttnttganc ntnaaagggn gacaaagann aaaacnccnn ntnttttngt	840
ttttnttttt tttcncncnc ccccnctttn nntntttnnc ntttttnncan nggnnttttt	900
gggntttttt ttnnagnnt tnnnnaaatt ntntnttct ctncnaaana atcncngnt	960
nnnttttttc tctncngaa aanaanant	989

<210> 1064
 <211> 976
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(976)
 <223> n is a, c, g, or t

<400> 1064	
aaanctggag ctccaccgcg gtggcgccg ctctagaact agtggatccc ccgggctgca	60
ggggagggcn cgaaatttga ggtgatgaac tccttcgaac tgctgtcca caccgtggaa	120
gagaagatta tcattgacaa ggaatattat tacaccaagg aggagcagtt taaacaggta	180
ttcaaggagc tggagtttct gggttggtat accacagggg ggccgcctga cccctccgac	240
atccacgtcc ataagcaggt gtgcgagata attgagagcc ctctgtttct taagttgaac	300
cctatgacca agcacacaga tcttcctgtc agcgtctttg agtccgtcat agatataatc	360
aatggagagg ccaccatgct gtttgctgag ctgacctaca ctctggccac agaggaagcg	420
gaacgcattg gggtagacca cgtagcccga atgacagcaa caggcagtgg agagaactcc	480
actggtaagg gtggctgcag gggcttcctt ggaagtgggg ggngngnnnn nnnnnnnnnn	540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720

nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn	780
nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn	840
nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn	900
nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn nnnnnnnnnnnn	960
nnnnnnnnnnnn nnnnnnc	976

<210> 1065
 <211> 1078
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1078)
 <223> n is a, c, g, or t

<400> 1065	
naaaactgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc	60
aggaattcga tatcaagctt atcgataccg tcgacctcga gggggggccc ggtacccaat	120
tcgccctata gtgagtcgta ttacacctga tnnnnntca acnananagn ttgttgcccta	180
nngnnatnac tnngcnnta cnnngganca tattntatntt acnnaatncc naactnnnta	240
cnnntgcacn ctanaancac atannnttca tntnacnadc annacncaag antcncactt	300
cnnnttnnnt ctntngntna nncngngnaa atantcannt nntaananga tntnntttaa	360
tntnnantnc ntgtccancc nttntttttt tantnannna atctnatncn tttncanac	420
cnccttnangt ttnntnnttn anaccttggn ancatnnnan ngccttgntt nttnttnact	480
tgnnntcntn tcttgnaaca atttntant atngataann anantntct tctcatttnn	540
agnntgatg tnnncnttt tatntttttt tgnngtannn nnntnatttn ntncantaan	600
ntcntngtcn ccncgntnct tntnaannn ncnaancntn ntctnnnnnn tnattgatcn	660
nnnctctntg gcnanntga cttncntann cnnctnntn cacctcnngg ngctctnttt	720
nganatnacn canganactg tntnacnct atatcttctt gtncncctnn ganttcncnn	780
tatanancnc nattcnatntt tntcttttn nctananatn cttacctnnc tntnactnat	840
nctnatnttt ttnatacttt tattnanntn ttnatcntnc cgacctnnt ntngggcctc	900
cntntaaaac tntcntatcc catntnnann atctncctnt cntnctttca attantntn	960
ntnccacctta nttncnnntn cntntcccn ncatttttna gcttccnact ncacctctn	1020
ttcttcenca tnacnanntn ncacctctn tnatctctn ncactantcc cctcccn	1078

<210> 1066
<211> 958
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(958)
<223> n is a, c, g, or t

<400> 1066
nnnnatctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
caggaattcg gcacgagggt aacactctgt tactggagcc agctcagctc agcggagcag 120
atataaaccg agaagggcaa actcatcgag agggcgtctt cgggaccatg gcgaatggat 180
atacatatga agattatcaa gacactgcaa aatggctttt gtctcatacc gaacagcgac 240
ctcaagtggc agtgatctgt ggttctgggt taggaggtct ggttaacaaa ttgactcaag 300
cccagacctt tgactacagt gaaataccaa actttccaga aagtacagt ccaggatcatg 360
ctggtcgact ggtgtttggg atcttgaatg gcagagcctg tgtgatgatg cagggcaggt 420
tccacatgta tgaaggctat ccgttttggg aggtgacatt cccagtgagg gttttccggc 480
ttctgggtgt ggagacccta gtggtcacca acgcagctgg agggctcaac cccaactttg 540
aggttggcga tatcatgctg atccgtgatc acatcaacct acctggtttc agtggtgaga 600
accctcttca gagggcccaa tgaggaaagg tttggagttc gtttccctgc catgtctgat 660
gcctacgacc gggatatgag gcagaaagct cacagtacct gggaaacaaa atgggggggag 720
ccaaaagaga gttaccaggg aaaggcacc ttaccgtgga tgttgggggg ggtcccaaaa 780
ttttttgana actgnngggc anaantggtc cccctgcttg ccgggaaatc ttaagggcca 840
naatgcttg ttgncattg aaacaccagg ttccanaaa tttntatatt cnncaagaac 900
acttgnngga ctttctgagg ncnttggctt tcttcacttc catancaaaa caanggnc 958

<210> 1067
<211> 1003
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1003)
<223> n is a, c, g, or t

<400> 1067
gcctatagtg agtcgtattn cagtggcggc cgctctagaa ctagtggatc ccccggcctg 60

cagganttcg gnacgaggaa ccnctttatc ngtgatggtg nnngganaac cnnganggtc	120
tncccanaag ggntagaant ancnaaactn gnggttgtn c gacccttgat tcnaaacnnt	180
tnggnnnagg gggannnnna cganangnaa nncnactnn nnantttnat gntnaantnc	240
caaacnccna ntcnnaaacc canaatcttc tngcngggaa ntcgnggggc cnaatgaang	300
gngnncccct tnaccngaa nggttaacac acttatatcc aanccccttc gnggtgtgng	360
gagagcaaan annganatgt gntgacacnc ccacgtgnta tcgcgcgcnc atatatgtgc	420
acgancacga nncatgtga gaaantttgg ttttngaaaa gcganngaga cncngtngct	480
cttatnaaag gggggcacnc ncnntgtgn tttttacaca aaaantctca ctctacncc	540
tttttataat atggccccc cactggttt gnaaacctac tanggtcaan ngtnnttnt	600
antggtgcgg ccnaccttct tcgncnttat actanctnn gacctnttgt tgagaccccc	660
naaatnggtt nattcctngg ngaanaaagc annctnctg ntaattatc ctncgaagga	720
tgggtncntc ttgttanncc canccaaaaa aaattggggt gggntttctt gggaccncca	780
cnnanggaaa naaatgangt tncnttnntg accttctttt nttcttnntg cctnccggaa	840
gcttnattaa cttttttnt ggggnacgna gnttaatcaa ccnttnnnng ngcncgatt	900
cnntttatgg agggaaaaaa ttcnttnnt aaaccctnc ccnnncntn tgttttgcac	960
aaaatnntn tgcnggcggt nttnccttt nnnncgggcc ttn	1003

<210> 1068
 <211> 1003
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1003)
 <223> n is a, c, g, or t

<400> 1068	
gcctatagtg agtcgtattn cagtggcggc cgctctagaa ctagtggatc ccccggcctg	60
cagganttcg gnacgaggaa ccnctttatc ngtgatggtg nnngganaac cnnganggtc	120
tncccanaag ggntagaant ancnaaactn gnggttgtn c gacccttgat tcnaaacnnt	180
tnggnnnagg gggannnnna cganangnaa nncnactnn nnantttnat gntnaantnc	240
caaacnccna ntcnnaaacc canaatcttc tngcngggaa ntcgnggggc cnaatgaang	300
gngnncccct tnaccngaa nggttaacac acttatatcc aanccccttc gnggtgtgng	360
gagagcaaan annganatgt gntgacacnc ccacgtgnta tcgcgcgcnc atatatgtgc	420

acgancacga nncatgtga gaaantttgg ttttngaaaa gcganngaga cncngtngct 480
 cttatnaaag gggggcacnc ncnntgtgn tttttacaca aaaantctca ctctacnnc 540
 tttttataat atggccccc n cacctggttt gnnaacctac tanggtcaan ngtnnttnt 600
 antggtgcgg ccnaccttct tcgncttat actancttnn gacctnttgt tgagaccccc 660
 naaatnggtt nattcctngg ngaanaaagc annctnctg ntaattattc ctncgaagga 720
 tgggtncntc ttgttanncc canccaaaaa aaattggggg gggntttctt gggaccncca 780
 cnnanggaaa naaatgangt tncnttnntg accttctttt nttcttnntg cctnccggaa 840
 gcttnattaa cttttttntt ggggnacgna gnttaatcaa ccnttnnnng ngcncngatt 900
 cnntttatgg agggaaaaaa ttcnttnntt aaacccttnc ccnnncntn tgttttgcac 960
 aaaatnnttn tgcnggcggt ntttnccttt nnnnccggcc ttn 1003

<210> 1069
 <211> 957
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(957)
 <223> n is a, c, g, or t

<400> 1069
 ttnannaaag ctggagctcc accgcgggtg cggccgctct agaactagtg gatcccccg 60
 gctgcaggat tttaattgac atctcacaga ggtccagaga catanaaaga cttaacccaa 120
 gttagggttg gaattagaga agccaaatac cttttttaat caagatgatt ctgaatat 180
 ttatgctgat aaggaancag taaaagtgat tattaatttt ttttctctta aagtttgga 240
 cctggatgca gttggaggac aagaaaaccc tgctctttca ctgtgatcac ngtnngntac 300
 aaatgattgt agctgataaa atttcngatg ttgggttncc tccacacana ctttnccaga 360
 ctgtccttna cattataaga cgacttcttt ccaacttctt tacatttggg aacttttaga 420
 tnatagggtt ttgggtncctt agtcttaaaa gcctggagaa cnataaaaga aattccttaa 480
 aattttaacc tggtttccta agtaacagga nccgagttcc ttggaaacaa gaaaggccna 540
 tnccantaga tgaagngttt ttttacaggt ntaataaaaa gtnccatgg ttaaagggaa 600
 ccaaaaccgg accgataaga naanagtttt aanatttggc cgataagaat ttggaaaaat 660
 gaatggcccn ttgaagaaga naatggttca ccttggnaaag gatgaccttg gntttggttg 720

gcancntgga aaaaaaaagc aaangganct tagggntgac ctcaaaanat gaaggattcc	780
naaatatgac canccttgnt aanttgggaa gnaggangaa antttccctt aggaaanntt	840
gaaaggaaaa atttnccttn aaatttgaag gaaanaaggg gggaaccntt tnnngggggg	900
gggnnnnnnn gannnaaaaa angnnngggc ttttccnaa anntnnnnng ggggggg	957

<210> 1070
 <211> 960
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(960)
 <223> n is a, c, g, or t

<400> 1070	
ttnaaaaanc tggactcccc gcggtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggaattc ggcacgagga ggagaagggc accactgagg aggtctgccg catctacctg	120
aggcgcattc tccacaccta ctacaagttt gattacaagg cccatcagcg gcagcttacg	180
ccccctgagg gctcctcaaa gtctgagcaa gatcaggccg aaaatgaggg tgaggactca	240
gctgtgctga tggagagact gtgcaagtac atctatgcc aaggaccgcac agaccgaatc	300
cgcacgtgtg ccatcctctg ccatactctac catcacgccc tgactcccg ctggtaccag	360
gccccgggacc tcatgctcat gagccacttg caagacaaca ttcagcatgc anaccacca	420
gtccagatcc tgtacaaccg caccatggtg cagctgggca tctgtgcctt ccgccaaggc	480
ctgaccaagg acgcgcacaa cgccctgntg gacatccagt caagcggccg ggccaaggag	540
cttttggggc anggtctgct gntgcgcaac ctgcaggagc gcaaccagga ncaggaaaag	600
gtggagcggc cccggcaggt gcccttccac ctgcacataa atctggaact ggttggaatg	660
ngtttacctg gngtnagcca ttgntctggg ganatccctt acttggnccc cccacaaaag	720
tgaccccccc cnaccatga tcaagcaagc canttncatt acccanttgn ggggtgggcca	780
aaccggaaac cntttnttg gnccccctt gattccatga agggaacatg ggggttggtt	840
gccttttaag gccctttaaa aatgggcna atnggaaaaa ccttgccca aatttttttt	900
tnttcattgg gaaaaaaaaa aaatggggca aaaaggngg ggaaccnttt ttcccggng	960

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<210> 1071
<211> 933
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(933)
<223> n is a, c, g, or t

<400> 1071
nacaagctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc gcccgggctg      60
caggctggtg attcttaatg atttgaagtc cattgcttgg gaggaattc caccacacat      120
tcatgcttat aataagctgg ggatttttgt ttgtttttgc aaatgcttgc ccctactttg      180
caacgatttt ctgttcgtaa ttctgaagaa ccaagggtggg gagcaacaca actgatggaa      240
tagtgggtata agtttataacc agaagcttaa tgacaagttt tatcaatcag aataatactt      300
ggttatggaa gtgactgatg ctaaataaat tctgagtatt ttttattaga taatttctca      360
catatagact taaactgtca gcttggtagt gtctattagt taaactttgt aaaatatata      420
tatattcttg tttttccatt gtatgcaaat tgaaagaaaa agatgtacca tttctctggt      480
gtatgttgga ttatgtagga aatgtttgtg aacaattcaa aaaaaaagat gaaaaaaatt      540
cctgnggatg ttttgngtag tatecttgcc atttgtatta atagttaaag ttcacttcca      600
aataaaaactc ccataatgct aaaaaaaaaa aaaaaaaaaa ctnnnggggg ggcccgggcc      660
ccatttcncc ntataggggg ggnnnnnnnn naaaannnnnn nnnnnnnnnnn nnnnnnnnnnn      720
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn      780
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn      840
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn      900
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn      933

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<210> 1072
<211> 937
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(937)
<223> n is a, c, g, or t

<400> 1072
ttnnacaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg      60

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gctgcaggaa ttcggcacga ggatccccc	tccatgaaag ctaagccaag gccacn	120
ttcatgatgc acnacncggt gngagtcaag	cccngcatc cacggctact cacttcgcn	180
nagcctcacg tatganagct gtggncaaca	tcttcacaaa acatagacca agangcatta	240
cagaggctct tcacaaactc cggggacang	aaagcagagg agcgagcaaa gatcatcttt	300
gccatanatc aagacctana ggagaagaca	cgagccctga tggctctgan gaagagancg	360
aangacaagc ttttccagtt tctgaaactg	nggaaatatt ccatcaaagt tcaactgagga	420
ccagaggatg gataaggaca ttatccaaga	acggacattt aaagaccaag tgagtctgta	480
agaccctgac acgcacagca tcttgctgtt	gcctcgtacg tttctcttct gtcaggactc	540
cgggactcgg ggcaggagag gaacagaatg	aactggtgac aaggactcca accaatttca	600
ttgcctgtgc tgggtccagtg gagaagtgct	ttcngcaagg actggaaaac tcttcctgca	660
ngagaaagac tgggtgctnat gtcangaagg	anaattctga accggncctt antgganaag	720
atgaccnatg gcttganaaa ggacttgccc	ccaaggtctt cccggggcng gnccttgggc	780
tggaaatgga cccnggaact ttttttttnc	cttaaaccctt attggnaaan ntnaatnggg	840
gatgaacntt tcaagggggg aataaaaaaa	aaaaaaattn ggtggggggg antgggcttt	900
acttggggnt tttttttttt tgnaaccg	gncngn	937

<210> 1073
 <211> 977
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(977)
 <223> n is a, c, g, or t

<400> 1073	nncanantg gagctccacc gcggtggcgg	ccgctctaga actagtggat cccccgggct	60
gcaggctcaa ccagtcttaa aaatgacact	gattcataaa cgatcatgac cattccattt		120
atccttacta tttagaatac actatattgc	ctttttactc tcaacacagg acgtattgac		180
acatgttgga attttcaaga tgccttggtc	atcagtaa atctgacac agacttgaaa		240
taagctcagt atataagtac ccagttctta	cctgcttgcc ttaaagggct ctcggtcgaa		300
tggccttgta tttagagatc taagtgacac	ctcctcatgt tctcatgtag taggtacgaa		360
atcaacttca gtgacacctc agcagtgtg	gttataatga tcctatgatg aattttatca		420
agcctaattg cgagagctgc tatttagcaa	atattttaa tgctcagact gagggaaata		480

atcttctgga gtcttcaaaa ataaattaca ttcattaaaa aaaaaatata ttcattcaaca	540
acaaccacca ctatacttta agtaacttga ctggtagagc caaccctgat atgcatgaac	600
ttttcattgg gnggcaggcc ataaagccac ttgtttcaaa agaagagtcc tatgaagaca	660
cgatagcact attttttctg aaaatgcagg ggtcncctcc tagctggtgg agcctggcga	720
tggcatgtgt aaagcaaaaa cctgtgccc ctcaaggngg gggggcncaa aaaaaaggg	780
aatggggaac cttggtggtt tcannaaagn nnangggatg gnttttcct tttggnggg	840
gncnaaattt naaancncct ggnttgccnn cctgggggan gggaccccc nnttnncctt	900
gtttttttnn cnnccccgtt tnccttcngg ggnngggaaa aaaaaaang ganannnngn	960
tntggttttt nngaaaa	977

<210> 1074
 <211> 989
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(989)
 <223> n is a, c, g, or t

<400> 1074	
gccctatntg gagctncacc ncngtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggaattc ggcacgaggg aanaactanc tcagtatcaa aagtgggata agatgagacg	120
agccctggaa tataccattt acaatcagga acttaacgag actcgtgcta aacttgatga	180
gctttctgct aagcgagaga caagtggaga aaaatccata caattaagag atgctcagca	240
ggatgcaaga gataaaatgg aggatattga gcgccaagtt agagaactga aaacaaaaat	300
ttcagctatg aaggaagaaa aggaacagct cagtgtctgaa agacaggaac aaattaagca	360
gagaactaaa ttggagctta aagccaagga tttacaagat gaattggcag gcaatagtga	420
acagaggaaa cgcttattaa aagaaaggca gaagctgctt gaaaaaatag aagaaaagca	480
gaaagaactg gcngaaacng aacctaaatt caacagtgtg aaagaaaaag aagagcgagg	540
aattgctaga ttggcccaag ctaccaaga gagaacggac ctttatgcaa agcacgggtc	600
gaggaagcca gtttacatnn nnaaagaaga aagggataag tggattttaa aaggaacctc	660
aagttcttta naatcaagcc tattttatttg acaaagaaaa agaacagatt tgctgntttt	720
accataangg attttgggag ggaccacttg ggggcnana ttanaagaga aaaaatcttg	780

ggngcagtnn taaaaanacc tggganttcn gggatnttta tatggaaatt ccaaagnctc	840
ngggtttgga agaacctngg acantaaaat ttncctnttg nagttttaat aanttnttna	900
tagannaatt tnccaangtg ggntaataaa ttttnccttg tggngggagg naaaangaat	960
ngcagnaaac tnccncgggc cctttgttn	989

<210> 1075
 <211> 1621
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1621)
 <223> n is a, c, g, or t

<400> 1075	
ggngggggga tngaatnct tntttntna nttntnttn nnnnnnccc ctncctnttn	60
cgttnnttn tngtgncc tactctatt cnntntaagg ggnggagggt ggcgagncnn	120
tnntcttgga ncnccttg agacntnccg ttttttnac anactgaca canggncatn	180
cntntcttcn annaacttn tngtcancna annaatgtn ancaacacan gntnggattc	240
ntnattnta ccnctcggg ggtnnnattt ttatnnagag cgngtgnttn ctgntnctt	300
acgttnnagn natactgnat tgnnnntatt atgtgtctan agggttanta tcgcnnaggg	360
atnnancatt nnnntntng tganncggtg gantgatgna angtganggt nnaatntnta	420
nnananagtt ctgantngtg ttnnnnnccc tnannncnaa gantntgtgn ngntntnnan	480
gatgtagngc ntngngngtg gngcnnnttt gatccactgg ngngnncnng gaganntnt	540
tagnagatcn nnttntncc atnacagtat annaactnn nggnagggnn gagnnngnga	600
tcagncgana ngtnnnntg tagcncgnag nctctgcnac nnanncntga tgntntnnnn	660
tganagttgn ttggcnntnn angnnnnngg gnaggagnn gtntgtntcg atacnnanc	720
ncngtgagat tncggnantn gnnacagnca ctagnntnt anatnnaaga tataananna	780
gngnnatgnn nntcttgagn tnnagannng cgnggagtgn gnttngnatn tgnnanttna	840
ntcngntnng ntngtnntn nagnntntnc nanattnnnt tnnnggagtc ntngntnctt	900
nntnangttg cattgatng ngntaanan annatantnt gtcangantn antggagttn	960
acnaantgn antnnnttg ganacntcat nagntctnct cctgtannc tanantcgt	1020
ntcganggga nntcnnggt agtctcccg ngtnagccnt agncgtagtc tcnngtggnn	1080
ntagatagta tnantngca tntntantnn tnannngnng acaatgtgat nngangnttg	1140

ntgtacgann nntgangtgn ntgcatnnct gaggnnggggt ttngnntacn catgcntnnc	1200
gnggaatnta ncncagncna ntanggnann atntantgat aatcnnaccn gtacnnatcn	1260
ntcgntatgn gcncagggca cntntatcgt gngngngnta tcggtantnn agncggtngn	1320
ggatntntgt gtgtactnng cncgcatnnn acgaggtgtg gngaangtga ntcnctgtga	1380
ggngtataga cggtcntant ganaggagac cnagnacgn gatgtntgat gntancaant	1440
nngacntnng angtatncna cgcgcatnnn gatgtnangn ntcggtgann tttttcnntc	1500
tnnnatngcn cnnanntnan aanggnnaca nacacnggn gtgannnang nnnntttag	1560
atcnctgtaa cgtnncgatn tcgagttgng gntaggantc nctgnagtgt gtgtnnacgc	1620
g	1621

<210> 1076
 <211> 1621
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1621)
 <223> n is a, c, g, or t

<400> 1076	
gggnggggga tgngaattct tntttntnna nttntnttn nnnnnnnccc ctncctnttn	60
cgttnnttnn tngntgnccc tactcntatt cnntntaagg ggnggaggggt ggcgagncnn	120
tnntcttgga ncncnttgg agacntnccg ttttttnnac anacntgaca canggncatn	180
cntntcttcn annaacttn tngtcancna annaatgt ncaacacan gntnggattc	240
ntnatntnta ccnctcggg ggtnnnattt ttatnnagag cnggtgnttn ctcgntnctt	300
acgttnnagn natactgnat tgnnnntatt atgtgtctan aggggtanta tcgcnnaggg	360
atnnancatt nnnntntnng tganncggt nantgatgna angtganggt nnaatntnta	420
nnananagtt ctgantngtg ttnnnnnccc tnannncnaa gantntgtgn ngntntnnan	480
gatgtagngc ntngngngtg gngcnnnttt gatccactgg ngngnncnng gaganntnt	540
tagnagatcn nnttntncc atnacagtat annaactnnn nggnaggggn gagnnngnga	600
tcagncgana ngtnnnntg tagcncgnag nctctgcnac nnanncntga tgntntnnnn	660
tganagttgn ttggcnntnn angnnnnngg gnaggagnn gtntgtntcg atacnnnanc	720
ncngtgagat tncggnantn gnnacagnca ctagngtnt anatnnaaga tataananna	780

gngnnatgnn nntcttgagn tnnagannng cgnggagtg nnttngnatn tgnnantnna	840
ntcngntnng ntngtnnnntn nagnntntnc nanattnnnt tnnngggagtc ntngtntcct	900
nntnangttg cattgatang ngntaanan annatantnt gtcangantn antggagttt	960
acnaanntgn antnnnttgg ganacntcat nagntctnct ccctgtannc tanantcgct	1020
ntcganggga nntcnnggt agtctcccg ngtnagccnt agncgtagtc tcnngtggnn	1080
ntagatagta tnantnngca tnnntantnn tnanngngng acaatgtgat nngangnttg	1140
ntgtacgann nntgangtgn ntgcantnct gaggnnggt ttngnttacn catgcntnnc	1200
gnggaatnta ncncagncna ntanggnann atntantgat aatcnaccn gtacnnatcn	1260
ntcgntatgn gcncagggca cntntatcgt gngngngnta tcggtantnn agncggtnng	1320
ggatntntgt gtgtactnng cncgcatnnn acgaggtgtg gngaangtga ntcntgtga	1380
gngtataga cggctntant ganaggagac cnagnacgn gatgtntgat gntancaant	1440
nngacntnng angtatncna cgcgatnnn gatgtnangn ntcggtgann ttttctntc	1500
tnnnatngcn cnnanntnan aanggnaca nacacnggnn gtgannnang nnnntttag	1560
atcntgtaa cgtncgatn tcgagttgng gntaggantc nctgnagtgt gtgtnnacgc	1620
g	1621

<210> 1077
 <211> 962
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(962)
 <223> n is a, c, g, or t

<400> 1077	
ttannaaaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcaggc aacaactgga aaggagcgat gatgtttaat tgttttgtcc ccccaaaagt	120
acaatctgct gcagtttatg acagataatt taacaaaata tatatatata tatatatata	180
taaattgtat ataaagtctg tctgaaacat ttcttgggag gtgttttttt tttttggggg	240
ggggggnann ctttnnaaaa accntnnaac ntttttttnn tnnnggggttt ntttntcntn	300
nannaaanac ntttttnnnn gnaaaagggg gncncccnt ntnaaaangg gttngncntt	360
tttttgnaaa ntttttnaaa aaanggnant ngnncttttn atttaaaggg ggccccccnn	420
gaaaanttt ttnttnnncc ncnaaaaaaa cnttngnnnt ttnggcnnnn aaaaannnt	480

tnntnaantt ccnagggccc cnttnnaaan nccccccnn ggnttggggg ggnccccccc	540
ggnttttttna annccgggaa aaaaacnngc ccccaaantt gggtttnttt aaggggggna	600
ntttggggaa ccaattttta ttaaagggn cccccagnta ttttttttt taanccgncc	660
cccaananaa atttnttttc ctttttttaa cttttggntt tngnccnaa aacccaaagn	720
cccntnttgg gaaaaacng ggtnatntaa agaccaacc gggnttgggn taatnaaaaa	780
aaaaaggggg ggtttccttt ttttcnngg ggnnnaaaac ccccccccc ttttttttng	840
cccccccttt ttancccncc ntttttttna aaatttggtt taaaaaacc cggaataatt	900
tttttttccc cccttaaaaa aaaaaaagg ggcnnngaaa aaantttttt cntttnttt	960
tt	962

<210> 1078
 <211> 945
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(945)
 <223> n is a, c, g, or t

<400> 1078	
ttgaaaaagc tggagctccc cgcggtggcg gccgctctag aactagtga tccccgggct	60
gcaggcggag gagcagaggt agnggatgag atanagctgc tgtgtcagcg ccgggccttg	120
gaggcctttg acctggatcc tgctcagtgg ggagtcaatg nccaacccta ctccggatcc	180
ccagccaatc tggctgccta cacagnctt ctgcagcctc acgaccgant natggggctg	240
gacttgcccg angggggcca tctcaccac ggctacntgt ctgatgtnaa ncggatctca	300
nctacatcta tcttcttcna gtctatgcct tatangctga acccccaaac cggcctnatn	360
gactatnacn agntggcact cactgctcgg ntcttcaaac cacgactnat cntagctgga	420
ccagggccta tgctcgnntn attgactacg cccgcatgan agaagtgtgt gacnaggcca	480
aggcacacct nttggcagac atggcccaca tcannggcct gggggcttgc caaggggatc	540
ccctaaccct ttaagnacgc ggatattgtc accacgacca ctacangac cnttnaagg	600
gccaggtcag gactcatctt ntaccggaag ggggtgcaggc ttgngnacc caaaactggc	660
cgaaanaacc cttaaccnt ttganggacc gaatcacntt tgctgggtcc ccttccttg	720
agggggggccc ccaaaacctt gccattgggtg gaaggggctg gggncctnaa gcaggcctg	780

nnccccctt ttccggggaa gacctccctg gaaaatttna aaaaaccctt caggcccatg	840
ggttaaaggc ccttggtggg accgaaggct actccctggg ggggttngggg ggccctggcc	900
aaccccccta nggggngggg gnaaccctt gggccnaag ggccg	945

<210> 1079
 <211> 945
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(945)
 <223> n is a, c, g, or t

<400> 1079	
tnnnnnaaaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcaggt tgggtccttt tcgggacccc caccctcca ggccctctt tgcacacttc	120
ttccccctc ctgcccattc tccccgcact gccgtgccag gcctggaggt ggtggggtgg	180
gtagaggctc agccattacc atttcacacc tgtcccagaa tctgataccc tgcagagggc	240
agngaccacg ctgttctccg aatgagagnc tttcccacaa agacctggta ttgggaacat	300
ccctctcctt gcctccactt tccaaggtg aaccccatcc tgaaatctct agcctgggga	360
ggcagagacc ctgcaatcca gagaacacag cctcagaggt gctggaggag ggaccctggg	420
gcctgcatag gccactgtgg cctctgctgt cctcctggga ggcagccgtg tctccccagt	480
ggggctcgtc ccttcgtcac tcacacactt gggcctgctc cactgacatc acaagtcttc	540
tccacgtgat ggtttaaaag gaatcgtttc aacagcaaag aaatggaggt ggagacagcg	600
ctaccctgag tgacacaagg aacggcccggn tggctgacct acgtccgggc ctgcccttgt	660
tgncgtgtgg cggctttaga gtccgatggg gcanggangg cncantgtnc cancacangg	720
gtctggaagc cgttttcaan ccttttgntt nccggaaggt tcttcttncc atccgggtaa	780
cnanttctgt cctttgtccc gtcccccaaa agcctttgna ggnttntttt tttttccaaa	840
tgnggaanct tattttacia ttgaataana aacntaaggn ccnaggaaaa aaaaaaaaaa	900
aaaaaatng gggggggggn ccgggncca aatttcctt tttnt	945

<210> 1080
<211> 911
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(911)
<223> n is a, c, g, or t

<400> 1080
tnnnnaanac tggagctccc cgcggtggcg gccgctctag aactagtgga tcccccgggc 60
tgcaggaatt cggcacgagg cgacagatag ccgtaacttc tgtgctgtgc cagccgcatac 120
cctgagacaa gatggtgaag gtcggagtga acggattcgg ccgcatcggg cgcctgggtca 180
ccagggctgc ttttaattct ggcaaagtgg acatcgtcgc catcaatgac cccttcattg 240
accttcacta catggtctac atgttcagat atgattccac ccacggcaag ttcaacggca 300
cagtcaaggc agagaacggg aagctcgtca tcaatggaaa ggccatcacc atcttcagg 360
agcgagatcc tgccaacatc aagtggggtg atgctggtgc tgagtatgtg gtggagtcca 420
ctgggggtctt cactaccatg gagaaggctg gggctcactt gaagggtggc gccaaagagg 480
tcatcatctc tgcaccttct gccgatgcc ccatgtttgt gatgggcgtg aaccacgaga 540
agtataacaa caccctcnag attgtcagca atgcctcctg caccaccaac tgcttggtccc 600
ccctggccaa ggtcatccat gaccactttg gcatcgtgga gggacttatg accactgtcc 660
acgccatcac tgnccaccaa aaaactgngg atggcccctc cggaagctg tggcgtgacn 720
gccgaagggc ttgcccaaaa tatnatccct tgcttntact ggcccttgcc aaggncgng 780
ggcaangncc ntnccttgac ttaaanggga aacttaantg gcatgggcct ttccgggtnc 840
ccaattacca aannggtttg gttgggggat ttgaccggc cncctgggn aaaaccctgc 900
ccaagtttta a 911

<210> 1081
<211> 994
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(994)
<223> n is a, c, g, or t

<400> 1081
cctatctgga gctccaccgc ngtggcgggc gctctagaac tagtggatcc cccgggctgc 60

aggaattcgg caccgaggggtg aaaatttaaag ctaataacttg ctttaagtgtc tattatgtgc	120
caggcactgt cctttataaa atttgactca ttcagtgaag aatatattat ttctaagtgt	180
tgtgtgtgtt ctctgaggag gaggaggaac agagagaagg taaggctgga atcaaagggt	240
ggtgcttcaa gaaaatgact tctaaatcgg tgtttttctc atcttaattg gtgactgtat	300
tcctgccatc tatacattag agagactgag ttaacatgac ttctgttca ctgtgggttc	360
atgtcgtcag cagagagcat gcagtttggg ctccgactgt acacctgggg ttactggtct	420
cggggaagtg gtgtgaaaca gaattcatac caggagccc tataataacc atatcgggca	480
cttaaccaca tgccaggcat cctagttagt gcttcacatg cgatactttg ttcaaccttt	540
tgactgccct ttgagaatgg gaatcttcca gcccagggt caggtgagga aaaggaactc	600
agtgcacga ccaaggactt cctcctcata aggtggggag aggaccctt agccccagg	660
acactgatgg acttgccctt ccccttccca gactgcttc ttcgaggaa gtgtcgtct	720
gtgatccagg agcaggctgc agccctgggc ctggncatgt tttcttttct tggngccgac	780
gcttcaccta cttactggaa ngagtcggcc aaagcttnac ttgtcctntc ctgaggggag	840
anggaggatc aangatgacc ttcaaggngt cctncttttg tcccggancc tgnaaggaac	900
tgctccccca nngngaangn ntngccaaaa ctggatgctc gggctacca aacctggaa	960
ccctccccta ccttcttggg actgccctac angg	994

<210> 1082
 <211> 1109
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1109)
 <223> n is a, c, g, or t

<400> 1082	
ttgagncnat ntggagctnc ancncagtgg cggccgctct agaactagtg gatcccccg	60
gctgcaggaa ttngcacga ggatgncnnc tacgnnnccc aaggancttg tctngctgtg	120
ggncatgaata acannttatt cctgcanaaa gcgggcanng cttgactnca ntcncaagat	180
aacacgngcg cncacctgnc tgatntntga naccgacctc tganttaaga ctgncgccac	240
ancnacntgg nttncntggc nntccnct ngctcctcaa nannancnt tccctgncaan	300
atcctngtan ttngaattca actcnaaang gnattgntng acncntttt cnatctcaga	360
cttttgnntt tnaatggcnn nntatccact gannatanta ttncctacc tcnonttaac	420

ntgaatatat attntcnctg tcnnngtatt nttctctcn ctgatctaaa anacnatncn	480
tnccgatgcn taaatgtcnn tcctcatgct nnnanacctn gntttnatng gaacnaatnt	540
ttntngtnat ntcennagnn ttncnnnnnt cacttntnaa tngaannctn tactnnnttn	600
tntttcntta ataggggaann aangcatgnn nntttaaact taattccggn nanncnttcc	660
nnnnaatcac ctaatctnga antgnnacia gtacnctaga angctngggc anaatttana	720
tncccaanac anttgngct ctaaccacnn cangtcaagg nncattannc ncncataatg	780
nacttactnn gnccaangag tcnnnnnnnc anctntacng natnacaaga tnntngnncc	840
ngtgnnnct tncnnancnt gngnntntnn tgggtcatnc aanactcnan gcgtctcttc	900
tacctctngc tnttcccttc nnnatctgnt ncanncantn atccctantn cnnngntnt	960
cttttttttt gnnantaaac ccggaactnt ctagttncac ctncncntt ncnaantaaa	1020
nntttcanta actctctttt canctcannn gnnctttng cnahtctgt tcnacncta	1080
ttattcccn tncncnagtt ttcnntccn	1109

<210> 1083
 <211> 997
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(997)
 <223> n is a, c, g, or t

<400> 1083	
gccctatann gagncgnatn acagtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggaattc ggcacgaggg tcatgttgag cctggagttt gattacatgt gccaatatga	120
ctatgttgag gtccgtgacg gggacagcag cgacagccag atcatcaagc gtttctgtgg	180
caatgagcgg ccagctccca tccgaagcac gggctcctca ctccacatcc tcttccactc	240
agatggctcc aagaacttcg atggcttcca tgccatcttt gaggagatca cagcgngttc	300
ctcgnccct tgtttccacg atggcaattg cctncttgac agcaccggat cttacaagtg	360
tgcttgctg gcgggctaca ccgggaagca ctgtgaaaat ctncctgaag aaagaaactg	420
ctcanaccct ggggggccag tcaatgggta caagaaaatt acaggaggcc ctgggcttat	480
ccatgggcac tatgcaaaaa tcggcaccgn cctgaccttc ttttgtaaca gtcctatgt	540
tctcagtggt aatgagatga gaacttgcca ccataatgna nagtggtcnn ggaaacaagn	600

ccnatctngn ataaaagcct gccgngnaac caaagaatct ncagacctgg gtggagacng	660
aaagttcttt ccaantgccg gggttactcc aaggggagaa cnnccnttta caatcagnnt	720
nttactcatt nagcccttct acnanananc naaaactgcn nggatgcccn cntacccaaa	780
gaaangccan tnttcttttc ccttttggga agaaccggc cgcncctngn gttcccaaac	840
atnttgcnnc acccccnntt antccangta ccnaggtgct ntctatcacc ccttttttta	900
ttcngcccga ccttggggca nctaancncc cgnanggacc attnttttta ngggaactng	960
gtnaanatgg ganangcgtc cnttnncccc cataccc	997

<210> 1084

<211> 1012

<212> DNA

<213> Bovine

<220>

<221> misc_feature

<222> (1)..(1012)

<223> n is a, c, g, or t

<400> 1084

tnagncttat agtgnngtcg tattacagtg gcggnccgct ctanaactag tggatcccc	60
ggcctgcagg aattcggcac gaggatggca cgtccccagt ggtggggatg tgccgcgctt	120
cctgantaan tggaattggn agnagtgnct gcccnntnnn gnntttntn ggnaaaaagg	180
tnnncnnt tnnnatnaan nntttncnng nnnnnaaann nnnngggng gatttnnnng	240
nngntttcca agggnaggn ccttttttn nggannttg nacncttgn agaanncagc	300
ctgtgtantt aaccggtggg aagncttng ngttgngcat tcgtncctgn gcactatatt	360
tgcgctgcg ctatgngcac aanagagcct gtgncgttn aggcgcctgt nttttcanac	420
ccannttgn gacancaagt gcncnacang ntntcagggn tngngtgtn cangancccc	480
ctctatatat gnntttgcgn gcgncntgga nnaccacac ccctatagcn ggngtgatan	540
gcgctgctnn tancaganna gggncncca gtgtaanntc tttgaaggng ancccnctc	600
cnntetaacn ttcnctnnt gtagagngcg cggtaggat tccnaaagag gcanaaannc	660
ntgnngctng gttngganaa tcntctgnt ncnntcgntn cttattnang tgnccntnn	720
gccctcntn aatcananna tnntntnntt aacnncttt aaccanctnn gttatcttng	780
ngttcctggt tnantntct ataaaantcn tnntnctag ngaaanaaaa atgngnnaga	840
aacnaccggt nnagnncgc cttnttttct ntncttng cnaagtanc tnncttctt	900
tnngggacgg aannancctn ttctttctc ctnttttttn ctanngntaa gtctatatta	960

aagcccnenn nccttcctan accnnntcca tgtcgccaan atnacacaac cg 1012

<210> 1085
<211> 1012
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1012)
<223> n is a, c, g, or t

<400> 1085
tnagnccat agtgngtgcg tattacagtg gcggncgcgt ctanaactag tggatcccc 60
ggcctgcagg aattcggcac gaggatggca cgtccccagt ggtggggatg tgccgcgctt 120
cctgantaan tggaattggn agnagtgnct gcccnntnnn gnntttntn ggnaaaaagg 180
tnnncennnt tnnnatnaan nntttncng nnnnnaaann nnnngggng gatttnnnng 240
nngntttcca aggggnagggn ctttttttn nggannttg nacncttgn agaanncagc 300
ctgtgtantt aaccggtggg aagncttng nggtgngcat tcgtncctgn gcactatatt 360
tgcgctgcg ctatgngcac aanagagcct gtgncgttn aggcgcctgt nttttcanac 420
ccanntntgn gacancaagt gcncnacang ntntcagggn tngnggtgn canganccc 480
ctctatatat gnntttgcgn gcgncntgga nnaccacac ccctatagcn ggngtgatan 540
gcgctgctnn tancaganna gggncncca gtgtaanntc tttgaaggng anccnctc 600
cnntctaach ttcnctnnt gtagagngcg cggaggagat tccnaaagag gcanaaannc 660
ntgngctng gttngganaa tentctgnt ncnctgntn cttattng tgnccntnn 720
gccctentn aatcananna tntntnttt aacnncttt aaccanctnn gttatctng 780
ngttcctggt tnantntct ataaaantcn tntnctag ngaaanaaaa atgngnnaga 840
aacnaccggt nnagnncgc cttntttct ntncttng cnaagtanc tnncttctt 900
tnngggacgg aannanctn ttcttctc ctnnttttn ctannntaa gtctatatta 960
aagcccnenn nccttcctan accnnntcca tgtcgccaan atnacacaac cg 1012

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<210> 1086
<211> 1058
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1058)
<223> n is a, c, g, or t

<400> 1086
ttganaant ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggaa ttnactgcna gggngnnaca nggnnnaann catcggaccc tcnntanggg 120
actggtggan ctnaactctc tgngangtgn cagattggna ctcttctnnc tanacatgta 180
tancntgaga nagcggntgc ggaanaacac ggcacgtgca ngcggactcc ntgttnttgc 240
tgcaggggtg nnaggagacg cagcgctact gcacccgaca ccggnnttgct tttccgccag 300
gagtccttct tttacntggg catttggtgg tcaccgagcc ggcttggtac ggngtngatc 360
aacgtggaca ccggnacgnc nattttgttc gggccnaggc ntctctccan nccntgcaac 420
tnggatggna aaaatccatn ccanggacnc ttcaaggaaa nntccgccgn gaatnnatgt 480
ccaatccnca accaanaatt ggccgngggt ntggcntttt cgnaancccc tnntgggnnt 540
cctaactttt tgcggggcn gcaaaacccc naacangggg caggnathtt gnagggnggg 600
cntcctttcn aggggccttt nactaaggtt caattggtna acaanncccc tttnttttta 660
tcaaaaaaat ntggggaagt ggccggtttt tttaananan cgncnattgg nacccttgaa 720
ggntttttng ccntttannc ncaaaaanaaa aattttccat tngggggccc cncgggnang 780
ntaaattgaa ggttttttaa aantnnggga antnaaaaaa aattttgaan atgggaaagg 840
ccctttttta aaaaccatta nttgnttann ttcccggggg ggnggntngc cccctaaac 900
ttcctnccn ctngctttt tgggggnagn ngggggnaaa aaacttggcc cggnnntnga 960
antnanngaa acacccttng ggcccccca nngnaaaaag aaccttttcc aaaaaggggn 1020
naaacttng ccnntttcc aaannnggn nggggant 1058

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<210> 1087
 <211> 990
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(990)
 <223> n is a, c, g, or t

<400> 1087
 ttganacagc tggagctcca ccgcggtggc ggccgctcta gaactagtgg atcccccggg 60
 ctgcaggcag gatcaagcga ttcctnccaa gaaacaaaag cagaatcgtc ccatnnctca 120
 atggattcga atgaaaactg gcaataaaaat caggtacaac tccaagagaa gacattggag 180
 aagaaccaag ctgggtctat aagaagcaag ctgggtctat gagaagtggg cttaacatgt 240
 agaccacttt tttaagcagc cagatcacaa tgaaaacatc actactgtaa tgcttgggcc 300
 atgatgttat ttcctcacta tcagtctgag acccagcaat aaatataaaa cgttgcaaaa 360
 aaaaaaaaaa aannnnngggg gggggccngg ccccantncc ccnttnnggg gggcngttta 420
 aaanncnnnn ngatcnncnn accnnnnnccn tannngcctc ncnnnccnat tcnttgagnn 480
 nncannnncc ctnncnctt tntttcttna nnctnnntgn nggtnttctn ttnttttnna 540
 ncntttantn cnnnnnttnc agcnnntnt ttnngttnt tncnnncccta nntnnntcn 600
 ttacnnttt nctnttttnn tttnggncn tattntttt nctngnnngn tntttnttn 660
 gattnnnnnn tncctnggn ntncnnnnnn nnntnnnncc nctntatatt gancgctccc 720
 cntcattctt nnnnnnnnct nnntntntt tntnnnnntn cnnnttntct nnnnannccc 780
 tntnccctt nnnccnntn nattnccgtn nctttngnn ncnccctnnn atnnctttnn 840
 tncnnttnnn nnnnctcnnt nngcttnnn nnntccnan tnnnctntc cattccnnnn 900
 cccnannnnn nnnnttttt tnnntnttt tnnnatntn tnnccccctt ancntcatct 960
 nnntnnccnn tntnttttn ntnggacccg 990

<210> 1088
 <211> 975
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(975)
 <223> n is a, c, g, or t

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<400> 1088
nnnaaaagct ggagctccac cgcggtggcg gccgctctag aactagtgga tccccgggc      60
tgcaggtaaa agttgttctt cctttggctg gtaaagtaac atgtacaaca ctgattcctg    120
ctctgtgtat caaggagaca ttgcctctgg ctgaatgaag cagggtttgt gaaaagtgt      180
cagaaaccag aagttccctg tgctttcaca gcttttgagg cttttccttt tcacactgga    240
gactttcttc tgtttttaat gtggctactg tgtggctcag aaatggctgc tgtgatgaaa    300
atgctcattt gttaggaaaa agaggtagct acattctcat ttgaaagga ccatgagcta    360
tttaaaaaaa aaacctaaga tgtggtttta ttacatgnc aggggagctc ttgatcatgt    420
tcncattgtt ttaagataaa gcgatTTTTT tttcctgct tttagggtta aaaccaaaga    480
aattttatat ttttatcatt aaaggtcact atagtgtann aaggtntgct gaaccgtagn    540
gttagtgann cccaaagtaa tcntagtaa aagagcaata ttttctgaa gctgggatct      600
gggtaataca gagttgctac tcaaaaatct aataaagctc ttacttcgta ttggaaatta    660
tagaaccctt cttttttaa taaaagccct tttttttttt aaaaaaancn ggagnggncc    720
ttaaaattgg aaaaangcct aaaaaaaaaa tttccctggg ganttttggg aaaaaacca    780
tcctntaaaa accttggaac ccctggnaaa ttcttttttg gccggggggcc aaaattccna    840
aaaacntttt taaattcccn aaaatttttt ggnggggggg aaccctttgn tttttnanaa    900
aaattttgnc cnagccnggg naaacaatcc anngggnttt ttnaaaaaa aaangggaaa    960
ccctnntttt tgtnn                                                    975
  
```

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<210> 1089
<211> 960
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(960)
<223> n is a, c, g, or t

<400> 1089
ttgaaaccgc tggactcccc gcggtggcgg ccgctctaga actagtggat cccccgggct      60
gcaggaattn ngcacgaggc antgnccgtc ncgatgttgn tgcctaanan nanccggatt      120
gccatttatg anctcctttt taangagggg gtgatggngg ccaagaagga tgttcacatg      180
cccaaccacc cggagctatc agaacaagan tgtgcccaat cttnacgtca tgaaagccat      240
gcacnctctc anntcacaga ggctacntg aatggaacac gtntgtctgg agacatttgt      300
actgggacct naccaacgta gggnatccat tatctccgtn gattacctcc acctgcccc      360
tgagatcgtg cccgccaccc tgcgccggag ccgtcctgag actggccggc caaggcccaa      420
aggtctggag ggagagcgac ctgcaagact cactcgaggg gaagccgaca gagacaccta      480
cagacgaagc gccgtgcccc ctggtgccga caagaaggcc gaggccgggg ctgggtcagc      540
aactgaattc cagtttagag gcggatttgg tcgtggacgt ggtcaacca cctcaatgaa      600
gtttgaaang ggattggttt gtgttgaata aacctgtaaa cnngaagaaa aaaaaaaaaa      660
aaaaaaaaang gggggcccg gaccccaatt tncccctttt ttgggggggn nnnnttnana      720
annnnnnnnn nntnnnnnt nntnnnnnt nnnnnnnnnn tnnnnnnnnn nnnnnnnntn      780
nnnnntnnnn nnnntnnnt ntntnnnnn nnnnnnnnt nnnntnttt nnnntnnnn      840
ntnnnnnnnn nnnnnnttn tntnnnnnn nntnnnnnn nntnnnnnc cnnnnnttn      900
nntntnnnn tnnnnnnnn tntnnnnnn ntntntntnt ntntntnt nnnntnnnc      960


<210> 1090
<211> 1694
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1694)
<223> n is a, c, g, or t

<400> 1090
gggttnnggg cnnntnaaat cnnntnnnnn nnnntcnnnn ncncccncc ccctnctanc      60

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nttctntttc tttctctncc cccccccnaa nggnngangn atgagtagat tgaccnnctt	120
ttgaagncnn cnntggagnt gcatcacngn gnctacctt nnctgtct tntgtcctt	180
ntcctccan cacaattcca cnanatnatt anatnttcac attacatnan gcnaatccnt	240
nattanactt cnngggcctc nntctctcac gncttnatnc tncctcctna tacnnttnac	300
cgccancact nnctnnncan cncatactan nccaanntnn cactncccat atnnctgant	360
ttnatnnant ttacatngtn ttinnnaaatn tttntcaca cnttctacn anantntttn	420
nntctntcnc nttancatan ntcacttant cncctnacnt catnttacgc ttngttnnnc	480
nacttctatc ttcnncntna ttnacnntat tctnatancn ncnnnnthnac gtnanataat	540
ctnnntttac tnnntngnct nttgttngcg acaancnngn ttctctacnn tnttanctca	600
ctnnnaacnc tancnnttta nnnctnntgt nntcctannt nntaatctta nntnctcac	660
ttactancct ngngntanac atacnntttt aaaaccctng annnancnt nctanaacct	720
cacntcncct ctnnnaancn nntncngnnn aagnnagaan nnaantngcn tnttttantg	780
actgntnann ncgannctaa gntaanctnn tattnnnant nnganacaat ntngcggnna	840
tcaatanac tnncttctn nacagggnt ctagcaang cggtgntta acacgnntgt	900
nnanantncc annctntgan aatnaagacn actannntca tnnacnntt ngnnacnac	960
actctnttnn nncagntncn nnagnncct nnctcnacn ttctcnann tgnnnanta	1020
nnnnntntn ngatacnncn cnanaancn tnnnnatcng ctntcnat nnaanantna	1080
tagttantan cnnnnnatnn cnntggntn cgcananaga nctcatntc tcnctngnn	1140
tanagtntg annnancnta tatcncncna tncgacgtg caagatann caannanca	1200
angnnnnnt nctgatctca cnnananga cgctnaatan ncgntatctn actctcattc	1260
gngntnnanc ncatantgc ncntngacn cacnancn ngatnanant nncannntn	1320
nnnacncn ananttganc acncngnta tactnanacn anacagacnn gagcgtctn	1380
attgtnatan acgacacnn gatcganata nnnncngn anantntcn nncgantcac	1440
attntgttn acacganaca tntaannaca cncgtcgtga ctgncngtg tcgncacgan	1500
tatcgnnana ncnantcta catatatgta nacncgacnc acgtacacnn aagacangng	1560
nnacntgant nctcatatn tcganncn nctaaacnaa anganacnat angtnacng	1620
acnacatcna ctattntaca ngatatnagn tgccgttaaa nactcnatgt nttngnecgn	1680
ttnatnatg ncnc	1694

<210> 1091
 <211> 1005
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1005)
 <223> n is a, c, g, or t

<400> 1091
 ncaanatctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggaaatt cggcacgagg atggcacgtc ccagtggtgg ggatgtgccg tgcttcctga 120
 attagtgtat tgtaggagtt gctgccccat tctgctcttc attgtgagag aggttacacc 180
 cacttataat cagtattttc ctggcactaa aacagcaggg ctggtatttg ctgctgcttt 240
 cccagggcag ggtcccttct tttcggcact tttgaacact tgcaagacac agccctgtta 300
 tctaacgggt ggcaggcatg tgtgtctgca ctgctcttt gccactattt tgccctgctc 360
 catgccagag agccctgtcc ctgccaggcc ctgccttccc agccccaact tgggaccaaa 420
 gtgcaagacg ggatcacagg ttgggggtgtc caagtgaccc ctctctatag tgcttcctgtg 480
 ggccaagtcg acaccagccc cctanccggg tgggatgggc ggtgcttaaa gaggaagggg 540
 accaagtgtg ncaacttgcc agggacccca ccccttcctc acattcgggc ctgtgcaagt 600
 gggcgtgggg attctncaa ggggccaaan gcctgggctt ggtcgggnatt ctctgctcct 660
 tgctcttata tgggncacat gcacacttct aaatgcanaa ttgctttgaa ctttaaaact 720
 ggtcaanttt gggtttcgnt ttgggaccga atttaaaaaa angtttttan tngggggaaa 780
 atttgggggg aaaaaaccng gggnnngggg ccnggttttt tttttttttt tggggaaaaan 840
 ananggnenn tttnnccgag gaaaccntt tttgntncna ntttttnngg gaanngnena 900
 aaancnntnc nccccnnnnn aaanccnttg gncnnggnaa tnaaaaanng gggttnnnaa 960
 nnncnntngg ggggcggggn ngnttttttt gggnaccttn ggggg 1005

<210> 1092
 <211> 1003
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1003)
 <223> n is a, c, g, or t

<400> 1092
 gccctatann gagncgtatn acagggggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggaattc ggcacgaggn cntganntat gannccnanc gngtgannca taannnanag 120
 tgactcgtgc gnntgaancc ngcncnttna gttttngnaa tgctgncttn aaananngcn 180
 ngttcanatc tagngnnaca gncngnnnaa ctnttnnaca aancttatna tntnattctg 240
 ancgccncta ttantnntgn tgnangggan gnnngagnta aatccctgtt gangaaaatt 300
 aantagatat tctntgtggt ncnanattaa caggaaggcg cgcccgatga ataggccgtt 360
 ttactctgcc acaagcgtca ancgttaatt atacacnnaa ncagaangcn attttgnttt 420
 ccactnagan aaganatata cttttcnaga gacntaacng aaaattataa ccattngnca 480
 gaggnccann cttgagcacc ttgnagacna nnancctggg ctcantntcc ccacnagacc 540
 ncctatagtg nttngtnttn gannggacac caacntgntn tccnactgan cctncctnac 600
 nntacctnnc atgacggaag gggngggaggt ggnaagnca ntantgganc antgcgcngg 660
 naataattat aatantatnt tcttttttnc ancccgta ca cttngggaac ttncctanga 720
 ganaggtgcn cncnncgnc ttattccaaa nggctcncgg gaaagggngg ccncatttnc 780
 centcttccc cannttggga nggaaanccc anantcaann cgccgncnnt nnnagnaccc 840
 ggnaattntt nccccntta tntcctntag gnnnccttn cncctttccn ggngggcgnt 900
 atnttatcan ncnennaanc nntnntntgg tnccttgntc ccattgttcc ntngggngng 960
 tgggaantnn ggncnctctn ngctttggnc tcanttcaact ccg 1003

<210> 1093
 <211> 1547
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1547)
 <223> n is a, c, g, or t

<400> 1093
 ggngcgcggg gngncacttt cnnntttttt natnnntnt tttncctca nnnatncttc 60
 tntccttnna nttannngta gnatcaccan ncccanccta gggggntctt ggagtnantc 120
 ttncnnttg ggncnatan gnntcgnatt acantggtnn ccgctctnca ncgannggca 180
 anancnnacn ctatagnat tttncgcnc gatgcntgtt ttctncggn cgnctncgtn 240
 tcnnnctcc atgggggnga cnnntntcnn nttctgtatc ntttctnnn cnnctann 300
 cngncnntc cttgacntaa tatatnntc ncnagatant nngntcnnnt ccagtnctn 360
 ctcnncnta ntatttcnt atanacccn ntngtncnt tnnattncn ttccaanncn 420
 ttntctnnn tgnncnttc tnnntctnt nngcctatt ntncnngcn cgattnnctn 480
 cctnattatt tncnntng nctcnntatc nanccnatt tnnntagan cnnntntag 540
 ccncnncanc ttncnntt gcgcnntn taggtgnnn ncgactnnnt ttannntct 600
 atattcaaaa tnttntnt ttctnaatt nntnntcan ntttctn nnnccctatt 660
 tnnctnttt nnancnttn tntctntgn atntcncatg atntctnggn ttntnnnngn 720
 nttanctnat ncnnatnnt nnatntann anntcngtag tnttccn cnntntcga 780
 ngancnnntn taanntnac tatntactt ctatgcnc nncggcntct nngtnannnc 840
 tccnttttt nnnctcnn attgntngtc gcnnaanttn nnagtcaag ngantnnnc 900
 nnaancnnt ctgcctctn nnnncnncn nntngataa ttnnnccaca tntcnncng 960
 canaccntt gtnatggann ttagntgtat tagngatga ctgtnctn tcttctntt 1020
 ncnncnnt tggnttnc ntntntntgn atgaagatn ccccttnc ccttntnt 1080
 ctncctctg actgtcnnn tangaccctc tcnaggnac ctntcnactn tntactnctc 1140
 cttccgttan nctncnncn cntgntnanc acctnagcan tnnactn ganttatnc 1200
 ttctntgnn tctctnctc cnnngncan tnnctcaaga cctcatant tngtantnc 1260
 cncnatntc tntctagnaa tatatgntc ncttcanagc annctgatt anctccgtac 1320
 cnnatgngg gactntctat ntatgtctn gtntactata gntntntca tgtactttta 1380

nttcaacana antacncnc nnnnccttat ctagnctnnt cctnagtnn gtntgttctt 1440
aagatnacc accaaagnan tctnntntcg ngattntggn nattnnntan ctctctactt 1500
taagctattn ctctctcna natacgta nntccgntan cmtccc 1547

<210> 1094
<211> 1547
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1547)
<223> n is a, c, g, or t

<400> . 1094
gnggcgcggn gngncacttt cnnntttttt natnnntnt ttttncctca nnnatncttc 60
tntccttnna nttannngta gnacccan ncccanccta gggggntctt ggagtnantc 120
ttnnctnttg ggncnatan gnntcgnatt acantggttn ccgctctnca ncgannngca 180
anancnnacn ctatagngat tttcncgcnc gatgcntgtt ttcctncggn cgnctncgtn 240
tcnnncctcc atgggggnga cnnntntcnn nttctgtatc ntttncnntn cncctntann 300
cngncnntc cttgacntaa tataatnnntc ncnagatant nngntcnnt ccagtnctn 360
ctcnnnnta ntatttcnt atanacccn ntngtncnt tnnattncnn ttccaanncn 420
ttntctnnn tgnncnttc tnnntctnt nngcctatt ntncnngcn cgattnnctn 480
cctnattatt tncncntng nctcnntatc nanccnatt tnnntagan ccnntntag 540
ccnncncanc ttncncnnt gegcnntn taggtgnnn ncgactnnnt ttannntct 600
atattcaaaa tntntntnt tttcnaatt nntnttcan ntttncntn nnnccctatt 660
tnntntttt nnantnttn tntctntgn atntcncatg atntctnggn ttntnnncgn 720
nttancnat ncnatnnt nnatntann anntcngtag tnttcncn canntntcga 780
ngancnnntn taanntnac tatntactt ctatgcnc nncggctct nngtnannnc 840
tcntttttt nnnctcnnt attgntngtc gcnnaanttn nnagtcaag ngantnnnc 900
nnaancnnt ctgcctctcn nnnncncn nntngataa ttnnccaca tntcncng 960
canaccntt gtnatggann ttagntgtat tagngatga ctcgtntan tctttctntt 1020
ncgncccn tggncctnnc ntnnntn atgaagatnn ccccttnc cctntntnt 1080
ctnccctctg actgtcnn tangaccctc tcnaggnac ctntcnactn tntactnctc 1140
cttcggtan nctncncn cntgntnanc acctnagcan tnnactncn ganttatnc 1200

ttctntgnnn tctctnctnc cnnngnncan tnnctcaaga cctcatant tngtantcnc	1260
cncnatntcn tntctagnaa tataatgtnt ncttcanagc annctgatt anctccgtac	1320
cnnatgngng gactntctat ntatgttctn gtntactata gnnntntntca tgtactttta	1380
nttcaacana antacncnc nnnnccttat ctagnctnnt cctnagtnn gtntgttctt	1440
aagatnacc accaaagnan tctntntctg ngattntgnn nattnnntan ctctctactt	1500
taagctattn ctctctcna natacgtacn tntccgntan cnncccc	1547

<210> 1095
 <211> 1062
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1062)
 <223> n is a, c, g, or t

<400> 1095	
tttganacng ntggagctcc nccgcggggg cggccgctct agaactagtg gatcccccg	60
gctgcaggna nnaactggaa aggnntnatn angntaatn nntngaccn cccaatggg	120
acaatctgct gcaatttatg acacnntaat atcaacnaa tatatatata cnatatatat	180
atatanatnc tntctaanna ctatnttgaa acanttattn gcanntgtn tcttttattt	240
ggggggcnnn nctnctttt tgaannacac gnnctaccct tntntnctc ctncatnct	300
ttccnatctc acnganatgn atttttcngn ntentcaann ttncnggct cnnctctnan	360
nennannttt ttccacattt tctctacnct cctantacc tatntcangt tennnccttc	420
ntntcacntt ctttnnnact nncctattta atagtttntt tnaattatct anctnnccaa	480
gnaacntcn gtttccctn nntcttnaat tctcccttct acantntan ncttnnacct	540
cctttntna nnnntnnna ccttnnnntt tggnttctt nntntttcn natnatntt	600
tntcnntnc ctnatnttat aatcaacagn gtnnnataaa tnnactng nccanntccc	660
anccttgta tcttaanncc ccncnntttt tttnttnaac catcnnncn nntntcttgn	720
ttctattttt tanttgcct nccntanccc gngntactnn ttatnaanna nnncttanen	780
tttancttnt nntccctnan nattcccnnt gcctnnntt nctannntan tnnannnctn	840
nagttttctn cctntncann tctnnnaacn aantctnct acnnnnnnnt ntttctttta	900
cctntcnaa cctntcna cctttccnnc ttctaccgtc ntcnncttc acnttntgt	960

tctcttttcta ancnatctcg ttcnnetcan tcntnnccnt nttncttctt nntcanactc 1020
 ttttntttctc cntcacnanc nntctnnccat nttntntntnn cc 1062

<210> 1096
 <211> 949
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(949)
 <223> n is a, c, g, or t

<400> 1096
 ttaancacag ctggagctcc accgcggtgg cggccgctct agaactagtg gatccccggg 60
 ctgcaggagc ttattgaatg aaaactccag agactgaaaa accaaacatg agggtagcag 120
 gtgctgcaaa gttggtgggc gctgtggcag tatttttact gacattctat gttattttctc 180
 aagtattcga aataaaaaatg gatgcaagtt taggaaatct atttgcaagg tcagcattgg 240
 atgcggttgt acgttctaca aaacctccca gatataaatg tggaatctca aaagcttgcc 300
 ctgagaagca ttttgctttt aaaatggcaa gtggagcagc caatgtgggtg ggacccaaaa 360
 tctgcctaga ggacaatgtt ttaatgagtg gtgttaagaa taatgttgga agaggaatca 420
 atgttgccctt ggtaaatggc aaaacgggag aactaataga caccagattt tttgacatgt 480
 ggggaggaaa atgtggnccc anttattgag ttctgaaggc catacaagat ggaccaatag 540
 tctaattgga acatatgatg atgggaccan ccaactcaat gatgangccc gcggctgatt 600
 gctgaatggg gagtacatct attactcatc ttggttcaaa aactgggggt cttntggggg 660
 ggaaaaggca ttaaaaacaa aagccctttt gacngcccn taaggaccat tagggcccca 720
 antaaatttg aanggatggc cctgaatttt nggaaatgga aaggatgcct ttccccaaaa 780
 ccaanactgg ccgtgganaa aaanccgaag ggggnccccc nttttccttg ttaanggggn 840
 aaagccctt nccccaaaaa acttccttg taaatntttt taaanaacnt tgcccccccn 900
 tttnggggg ngngcccttg tcccntntt ntnttttttg aaattcagn 949

<210> 1097
 <211> 969
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(969)
 <223> n is a, c, g, or t

<400> 1097
 tnnanaaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa ttcggcacga ggggtggcctt ctctctctcc cgccatggcg tgtgctcgtc 120
 cactgatatc agtgtactcc gaaaaggggg agtcctctgg caaaaatgtc actttgcctg 180
 ctgtgttcaa ggctcccatt cgacccgata ttgttaactt tgttcacacc aacttgcgca 240
 aaaacaacag acagccctat gctgtcagtg aattagcagg tcatcaaacc agtgctgagt 300
 cttgggggtac cggcagagct gtggctcgaa ttcccagggt tcgaggtggc gggactcacc 360
 gttccgggtca gggcgctttt ggaaacatgt gtcgtggggg ccgcatgttt gcgccaaacta 420
 agacctggcg acgttggcac cgcagagtga atacgacgca gaagcgatac gccatctgct 480
 ctgcactggc tgccctagcc ttaccagcgc tggtcatgtc taaaggtcat cgtatagagg 540
 aagttcctga acttnccttg gtggtggaag ataaaagttg aaggctacaa gaagaccaag 600
 gaggtctgtg ttgctttctg aagaaactta anggcctgga atgatatcaa aaaaggtcta 660
 tgcccttttca gcgaatgana nctggcaaaa ggcaaganga naaacccgtc nccgtatnca 720
 acgcaagggg acccttgcnt catctatnat ganggacaat gggatatcatt caaggncctt 780
 naaaaacatt ccctggaatt acctttgctt aaanggaagc caacctgaac anttttgnaa 840
 acttggttcc tgggggggca ccggnnggaa cgttttttgn antttggaac tgaaagngcn 900
 ttttccnaaa ggttaaaaga accttttttg ggccccttgg nggtaaaaca cccctcnccc 960
 ttnaanaaa 969

<210> 1098
 <211> 1029
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1029)
 <223> n is a, c, g, or t

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<400> 1098
ttggaaaccg ttggactccc cgnggtggcg gccgctctag aactagtgga tcccccgggc      60
tgcaggtaaa agttgntctt cctttggctg gtaaagtaac atgtacaaca ctgattnggn      120
gctctgtgta tcaaggagac attgcctctg gctgaatgaa gcagggtttg tgaaaagtgc      180
tcanaaacca gaagttccct gtgctttcac agcttttgag gcttttcctt ttcacactgg      240
agactttctt ctgtttttta tgtggctact gtgtggctca naaatggctg ctgtgatgaa      300
aatgctcatt tgtaggaaa aagaggtagc tacattctca ttttgaaagg accatgagct      360
atttaaaaaa aaaacctaag atgtgggttt atttacatgt naggggagct cttgatcatg      420
ttcacatttg ttttaagata aagcgatttt ttttttcctt gcttttaggg ttaaaatcaa      480
acacacttta cncctttatn attngaggen ncttatagtg tangtaaggg tntgctggaa      540
ccgtantgtt annggaaccc cnanangtaa tncttattta aanggagccn tatttttttt      600
naaacctgtg gatcttggtt aantacnagn angtcngnnt tantcnanaa aatttttnaat      660
aaagcncctt aantttcnna ttggggaaaa atttataaaa annnntntnt ttttaaanna      720
aaagcccnnt nttttttttt tannaaaaaa ncagggantt ngacaattaa aattttgtat      780
natatngggc cntaananaa naaaatttac gncngggnat tttttgggga annataaacc      840
annctattaa aanacctttg gaaaaactng gaanaaatat canttatggg gntggngggg      900
nnntntattc tncaaaaaat cttttnttaa ntttacnata natnatcttg nanngngann      960
aagccctntt gtctttttta ctaaatanct tttgnccaag nttngnggaa naaaatattn     1020
taannntnt                                     1029

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<210> 1099
 <211> 1296
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1296)
 <223> n is a, c, g, or t

<400> 1099
 gncctttant tangtgnang ttcggtaatt aacnnggggg antncctnnt nttaaancctt 60
 cgtcgccttc nttcnnnatg cncctngncan gcantccctt gcacctcccn agantttctt 120
 tatectacct cannnctga cnngcanttc cnannattat ntnggggatn tcctntatgc 180
 acaanncnnn acnttactng ngtacttatt ctngcanntg atcgtaacctc ttncgcttca 240
 nttnanacca tntnnnnaan ttcctttgct cccccatttg gntanctacn ccngnnanag 300
 attntctana tannntnngt tggcccatan ctgntgttgn nctntatcnn nctcaggtct 360
 ntgagnatga naattnatnt tcgntnanna ncgntngaag tcctatcact ttangttngn 420
 naagnngnngn nctntnanc c aagnnntan nnaggcctgt nnnngctgt cnttcnnann 480
 tacgntgnnn agnnnangen ctcangcccn taataagnnn anggggggtt ntnnntaaa 540
 ntcagntnga cnaantntat ntncncncn gncctnggggg ccngtantan ntnnactnag 600
 gttaaaatng gnnnnggnnn nnnatangtg cctacantga nnnntgcnaa ggnnnacnnt 660
 taantatnnn gaannaaann nangngngtn gntntntaaa ctantnacat nnattnnnnn 720
 tgnnagtant tcntnnntnc nacgagtcgg gnntggngagt ntancnnnnn ntctngnang 780
 nngnnangng ntnnnnnatn ttattntntn tngngnggct nnnantaata anttannng 840
 ncatnngcnn ngggnannng ccgncctttt aggatannnn nngggccggn nncagntann 900
 ngntaatnng nntcngnnng cggannntgc anggcnggan ctannnggn tnattanacc 960
 annntgnnt ggtatcgtnn nnnntgncta ntnanncggn naggggnagt ngcgcnncgn 1020
 atanatgaat nngtnggann caggagngta ntactantgc ntttancang nanntagcng 1080
 agtcnctan ntgggtngnt gntgtattat tancagtttn tnttggaac tcnncaagan 1140
 ancntatgca gagnaantna ncgttntann cgtgntnnaa tncncnngng canacncng 1200
 ngtnctcnc nacgcctnnn tactgnnnac atgnantcac cgcncatant gnatcatctn 1260
 nntgatanct aganacactt gtntgntann tnaccg 1296

<210> 1100
 <211> 985
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(985)
 <223> n is a, c, g, or t

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<400> 1100
gnctatctgg agctncacn cgggggcggc cgctctagaa ctagtggatc ccccgggctg      60
caggaaattc ggcacgaggc tctgtccaaa gggttcagga agagaacatg atggtagagcc    120
acagccctct caggattcgc tggcatctca tctgaggggtg ggagggcata ctgggtcttc    180
cgtctcctcc aagctttctt tgtctgtctc aatctcttgg cctggcccct ctctaagagg    240
ggatggcagt tatctgggct tctctctggg atggccgcca tctttagtaa ttgagaaggt    300
attagataaa tcagctaccc cgcctagaga tatttctctt aagttttcaa aagagagctg    360
ggctgtagtt atcccaaacg tgcatttctt caaagtccag tcatcctctg gccttttctt    420
ttgtgactcc atacaaagag tcatgttctg ccccaaaggc gtccattcca agcctggact    480
tgggctcccc cgtgagaaat cttcccaaca gcttcttggc ccaagcttcc cagacctctt    540
cccttggaac ctccagcccg agtccccgtg tacacgtggg ctgtcccagg cagccagcat    600
cccttgtaag ttccctcttt ggaaatggtg tgtgggtggt caagttctgt gtctggtgac    660
tatgaacaga cagtgactct tcctgtgacc tgtgggaagc tgtgaaanca acttctggaa    720
cgccgangag cttgtttgct ttgaaccggg gaanaaaaac tnggttttga ggtttanctg    780
aaaattaagg gggaaaaaaa aaaagttnat taangtgact ngtaatngaa anctggtnnt    840
aaaaanaact ntgaaacccc caaaaaaaaaa aaaaaaaaaa ntnggggggg ggggcccggg    900
nncccattnn cnttaanng ggggngnnnn nntaannnnn nnnnnnnnnn cnnnnnnnnn    960
nnnnnnnnnn ntnnnnnnnn nnnnc                                           985
  
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<210> 1101
 <211> 1048
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1048)
 <223> n is a, c, g, or t

<400> 1101
 gccctatntg gagntgcac ncgggggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggtttgg actctgagac tgacaaaagg ggtaccatgc tgtctggcac tgcngcacnc 120
 ntttgctgaa gaaaagtacc caccttgant ggtaatcccc annttcactg anccttgttg 180
 ccctgnacct cactctaggn atgaaaccnn gatgccnggc tngtncataa accctattct 240
 tantattccn aaggagccan tnnttntnta ctgaaagcat nnccnatact acctgancac 300
 tantctaaga gnanannctn nataccatat nnaatattna taggcnattt tangaagcna 360
 cggaangann acaagtannt cattnctgat nctnnntgta ncaacnntgt ttacatncta 420
 ctgcccacan tntgnntctc ntncnttgna gggactnntc ctnanntnag nnnanngtga 480
 ntcnngntnt ttttanngtt taantgcaa aggctgaat nnnnnnact gacttngntn 540
 anctctagcc naanccctnc nnnntncgna nngangnccc acatagnacg ntnncttttg 600
 actcgteenn ancgcttcc tnccttcncg acannannna taccctgngg ccatnccctn 660
 gannggcgnt tatganngct ttngantctc tngttcctcc aactcnttct ngggagnagc 720
 cntggnnatt nntnnnantt nnggtactgc aaagnntcn nctntagggc ttctnntant 780
 tntctccctt nngtnccacc ntncctntng nnangnctan canngnnctn antcngggtt 840
 ttaacntctc nntttncaaa aangcacann nnnncttttg nnannttgcn ctnttncatn 900
 naatgtcnna attttngttt ttatatacan tccatttncg gnaaaantct tcncatggcn 960
 tcnncattnc ttccatctnc tttnttcgct nnnntgntct nnnattgctn ctatacntcn 1020
 ccattntgn nttnantgtt aannnacc 1048

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<210> 1102
<211> 893
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(893)
<223> n is a, c, g, or t

<400> 1102
ncaaaactgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg      60
caggaattcg gcacgaggct ctgtccaaag ggttcaggaa gagaacatga tggtgagcca      120
cagccctctc aggattcgct ggcattctcat ctgaggggtg gagggcatac tgggtcttcc      180
gtctcctcca anctttcttt gnetgnetna atctctnggc ctggcccntn tntaaaaggg      240
natggcagta ntnggcntt nttttnggaa nggccgcctt nttnannant ggaaaagggn      300
taaaataann aacntcccn gcntaaaaat tttcttttaa nttttaaaan aaagagnngg      360
gngtgtantt atcccaaacg ccatttnttc aaagtncagc anacctgtg gcctttntct      420
ttganactcn anacaanaga gnngtggtgt gccnnangng cgcanattnn ancccnngcn      480
ctngctcncc cncgaganan atttncnana catttttttg gcccaagntt cncaaanctt      540
ctcctgtgaa acctncancc agaccncgt gnacacgngg gtntgncnca ngcacaccan      600
atcccntgaa agncnctttt gagaaaaggg ngnggggggtg acaantgtgg gtggtggcga      660
taacaacann cgcncctccc tgcacctgna gagctgaaaa acnctgtaca ccccaaaagc      720
ttttnttttc accganaaaa aanctggntt tngantnagc tnaaatgggg ggnaaaaaaa      780
ngttcntnng nngctgtnan gnccccnntt ataaaanncc nngnccccc nnaaaaaaaa      840
aaannccngg gggggggggc ccccnnnnnn nnnttttttn nnnnnnnnnn nnn          893

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<210> 1103
<211> 893
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(893)
<223> n is a, c, g, or t

<400> 1103
ncaaaactgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg      60
caggaattcg gcacgaggct ctgtccaaag ggttcaggaa gagaacatga tggtgagcca      120

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cagccctctc aggattcgct ggcattctcat ctgaggggtgg gagggcatac tgggtcttcc	180
gtctcctcca anctttcttt gnetgnetna atctctnggc ctggcccntn tntaaaaggg	240
natggcagta ntnggcntt nttttnggaa nggccgcctt nttannant ggaaaaggnn	300
taaaataann aacntcccn gntaaaaat tttcttttaa nttttaaaan aaagagnngg	360
gngtgtantt atcccaaacg ccatttnttc aaagtnacgc anacctgtg gcctttntct	420
ttganactcn anacaanaga gnngtgttgt gccnnangng cgcanattnn ancccnngcn	480
ctngctcncc cncgaganan atttncnana catttttttg gcccaagntt cncaaantt	540
ctcctgtgaa acctncancc agaccncgt gnacacgngg gtntgncnca ngcacaccan	600
atcccntgaa agncnctttt gagaaaaggg ngnggggggtg acaantgtgg gtgggtggcga	660
taacaacann cgcntcccc tgcacctgna gagctgaaaa acnctgtaca ccccaaaagc	720
ttttnttttc accganaaaa aanctggntt tngantnagc tnaaatgggg ggnaaaaaaa	780
ngttcntnng nngctgtnan gncccnntt ataaaanncc nngncccn aaaaaaaaaa	840
aaannccngg gggggggggc ccccnnnnnn nnntttttnn nnnnnnnnnn nnn	893

<210> 1104
 <211> 1098
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1098)
 <223> n is a, c, g, or t

<400> 1104	
ttganacct ctggagctcc ccgcgggggc ggccgctcta gaactagtgg atccccggg	60
ctgcaggaat tcggnacgag gnnnttnna tgtntgnacc tggncgntgg gccnngggc	120
ntanncccn tactnggagt nntacnatnt tcttaatttg gaacttcaan agtcctaca	180
agggttnaaa gccctaacc nnatctggnc cagggtggcc ntncnncna nctggacct	240
cacttntgac ttncatgaag gcnatcccg ctttttcttt ggggtccctt gtnggggtan	300
centccactt accacaaaaa naaagacttt gnggggaagg gcctgnacc caatcnct	360
tnantttttt cctctnaaaa nntngttgga aaccacaatt tccattctng cnagccctn	420
gngaaggaaa annagcaagg ncttnaacna aaaaanggtt ccttttgnaa agnnacnnnn	480
agaaggtttg tttttgancn ttnnnntaaa ccattncctt tggttatttc nctgnttcc	540
nttactgggn tnattttaaa nnnctttttt antgtnggct gtaaacaact ttcccgcant	600

ttanttcnt ttcccatgaa accnttttan ttnttgctna aatnctttaa ncccatgngg	660
ganggcntnt aaanantggn nnncccctng gtgtttttan gaanaaaann aangnanacc	720
ccaaaccccc ccttngccan cccatTTTTT tttttnaann aaantntan ccaatgggaa	780
atggngggnt aaaannantt nttnnctnng ccccgccan tttaaaaatn ggaaaantgg	840
ggggnaactt aaaaccaccc nccccctng ggaaaacct ttttaaact tttcccccg	900
nnggnattcc ctngngcnn tttcnngggn cnntntaaag gggntaaaa caaaaaantt	960
tnccnttgt ccgtttcana attcnnntnc cntnggtnt atcaacctng gccnctnggn	1020
cgcttttgnt ntacatnnnn ncccatTTTt tttttncct cttagnccc cnntntgcc	1080
cnccccctt tgannact	1098

<210> 1105
 <211> 957
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(957)
 <223> n is a, c, g, or t

<400> 1105	
ttnaacacag ctggagctcc accgcggtgg cggccgctct agaactagt gatccccggg	60
ctgcaggaat tcggcacgag gctcagaact aaactgttag ggtgggtttt tgcgtggagg	120
acaggggtag tcttttgata ttcatttttt gatttttgag cttttctgct ctagggtacg	180
ggagatgaac tttatttaca atactttgat ttggcaggtt ttcttctact tttggctgcc	240
tgnaactgtt nccatatgat gtaaaaagca ngtgtagtgt cccattatta tgtggttcgg	300
gggattttca tttgttttta aaaantaacc catgtcagct gggattagac tncctanaat	360
ctatcagtgg naaanttaca ttgaaaaaat gcctttggaa aatnaaattt canacaaaaa	420
gtgcttaaga actggtattt tttctaagt cttctattta taccaaaaag cnttaaagta	480
accantgcc cagtaccatt cttgaaaaat tcttttattt aaccgaccng tgcttatttn	540
attaaaacca gntgattcct nttaattatt acngggccgt aagntataat tattggggtn	600
aaaatacctt gnaatatngg actttctggc cagtnnggga attttcactn aatttctttt	660
ggtggnggga tggttngaatt taaaantcgg aaggnggggg aaaatttgac tnntttaaaa	720
ngtggngccc ccccaaaaat caanaattaa aattgggcct gggcctggna aaacctaata	780

cttacctncn naaatcttaa ccccttntta ggcttgga aaagttg ggganttttg 840
gaaaanggtt ggcanacctt tccttgccn aaaaaacctt tntttttgga aaccttggtc 900
gggantttgn ttggganttt gnaaaaaaaa aatttcaaat tgggtccccc aaacttn 957

<210> 1106
<211> 957
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(957)
<223> n is a, c, g, or t

<400> 1106
tnnnnaaaag ctggagctcc accgcggggg cggccgctct agaactagt gatcccccg 60
gctgcaggnn ttncaggacn gctnnaggga gaggaagcng ggtgtctccn annagtnncn 120
ggntgcanag gggagagagc tgacccttnt caaacccctg ctttgggccc agccctgcgc 180
caggtgcttc acagctctta tntgccagat tttccacct tngggcncat ggngccccta 240
accaacatnn caagaggccg atcaccttgc cacatntgtg cangacctgg gaccacaggc 300
gtggacagga agggctctta agccttcttt ttacanatga aaatgccagg gccagggag 360
gatnagcagt ctttgagggt taccanccg gaatactggg agacctgaac ccagcattct 420
gactctgcat tnagtgtcg ctccatgatg cagnnggtcc tagcccccn ctgaaatggg 480
tcccctcttc actgngtttc ccagnatnct tgctctgacc aaaccgnga agggacacac 540
nccccccnc aaaagatgga atcattctct taaccgtctt tgtcccaact gcctgccnnt 600
ccaaaccgt nccccgnnc cctgacctg ctggntgggg aaagaggctc acgtgggccc 660
aggctgagca nnaatgacc atgtcaagct gtcagactct gngaaantan tgcattgtac 720
nggcaaccg gcntccctga tgnccgntg attttggaac taangnggac atgaaaatgc 780
cacaattggg ggnatgggag ggcnccccc ccccntggg tgtatgncna tggncanggg 840
gtttnggtaa cttttttgt tttngggaat ttgaaangcc caaaaanaac ccgggttgnt 900
ttcttttgn aaaaaaaaaa aaaaaaaaaa tttanngggg gggggccggn ccccgat 957

<210> 1107
 <211> 995
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(995)
 <223> n is a, c, g, or t

<400> 1107
 ttggaacc agttggagct ccccgcgggg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcaggc aggatcnagn gaggccaggt tgcanntttt nnnnaangan gatnnannnn 120
 ggnatggntt caaaaganaa ctggcantac natctggtac aactccanga gaagacattg 180
 gagaagaacc aagctgggtc tataagaagc aagctgggtc tatgagaagt gnnentaacg 240
 ngtatnnnat ntttnaagac aaccatatca caatgaaacc ntgactantg taangctngn 300
 tccatgangn tntntnttca ctatcagnct gagaccnagg aatanatata aaacgntgca 360
 aaaaaaaaaa aaaaanatng gggggggggc cgnntcnan tcgaactng ggggtgatgg 420
 nntaaaggaa aacnntttcn tanatngttg ntcttcnann gtttttaaac tnttgannat 480
 attnctgcnn nntttacttt cngaattnga anctnanttt ttgcttntnt tggecncaan 540
 cacntnnnt tttcntttaa gtggntnttg tttnttana aaaannttcg annncattt 600
 tggntggnt ttttctnnc ntntccnctg acttgccnn nanattntan atcctnnttt 660
 ttntnnntnn ngttggatct ttnccttnt nnnnccgntt nntggggggn tttctntttc 720
 cctanttant ncctttnnnt acnnggnttt ctcnntnnnn tttnttncna annntnnnet 780
 ntttattnan tntnttantt tcnnctnttg gntctntttn ctctaanngc agtntnagnt 840
 tatncnnnt gcnttttnc tttcnnttat cnntnnagan cttttctttt nnntnnttta 900
 gntnttctna nntctngtac ttctttnttt ntntnnantn ttacgcatt tttnttnct 960
 tcnnatacna cntagantct ctntctccn ctnc 995

<210> 1108
 <211> 1001
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1001)
 <223> n is a, c, g, or t

<400> 1108
 gcctatntgg agcngcatnn cagtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggaattcg gcacgaggaa gtcgtggtga tggagggccc cctggggcta ctggtttccc 120
 tgggtgctgnt ggacggactg gtccccctgg accctctggt atctctggcc cccctggccc 180
 ccctggtcct gctggtaaag aagggtctcg tgggcctcgt ggtgaccaag gtccagttgg 240
 tcgaagtgga gagacagggtg cctctggccc tcttggtttt gttggtgaga agggtccttc 300
 tggagagcct ggtactgctg ggctcctcgg aaccccggt ccacaaggcc ttcttggtgc 360
 tcttggtttt ctgggtctcc caggctctag aggtgagcgt ggtctaccag gtgtcgctgg 420
 atctgtgggt gaacctggcc ccctcgcat cgcaggccca cctggggccc gtggtcccc 480
 tggtaatgtc ggtaatcctg gcgtcaatgg tgctcctggt gaagccggtc gtgacggcaa 540
 ccctgggaat gacgggtccc caggccgcga tggtaaccc ggacacaagg gggagcgttg 600
 gttaccccg taacgcaggt cctgttggtg cttgccggtg ctctggccc ttcaagccct 660
 gtnggtcccg ttggtaaaac accggaaacc gtggttgaac ccgggtcctg ccngngcttg 720
 ttggtccctg cttggtgcn ttggcccaa agtcccagtg gcccacaagg tattccgagg 780
 ngaaaangga aaaccttgggt gataaaggtc ccanaggctt ttnttggtt aaaaggacac 840
 aattgggttn gaaaggnctc ccggnctttg ctggccatna atngnnanca angnggctcc 900
 ccggnctggn nngtcccctt gntcccaang gncccttttg gttccttttg gccccttngc 960
 aaaagaaggt tntatttnnn caanctngng nnntnagcnc n 1001

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<210> 1109
<211> 1018
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1018)
<223> n is a, c, g, or t

<400> 1109
ncaaantcgg actccaccgc ggtggcgggc gctctagaac tagtggatcc cccgggctgc      60
aggaattcgg caccaggaga ggtgcaactt tcttcggtcg tcccgaatcc gggttcatcc      120
gacaccagcc gcctccacca tgccgcctaa gttcgacccc aacgagataa aatgtacctg      180
aggtgcaccg gtggggaagt cggtgccacg tctgccctgg cccccaagat cggccctctg      240
ggtctgtctc caaaaaaggt cggtgatgac atcgccaagg caactgggtga ttggaagggt      300
ctgaggatta cagtgaaact gaccattcag aacagacaag cccagattga ggtggtacct      360
tctgcttctg ccctgatcat caaagccctc aaggaaccac caagggacag aaagaagcag      420
aaaaacatta agcacagtgg aaacattact tttgatgaga tcgtcaacat tgcccggcag      480
atgcggcatc ggtctctagc tagagaactt tctggaacca ttaaagagat cctggggacc      540
gccagtcctg tgggctgcaa tgttgatggc ccgcaccctc atgacatcat tgatgatatc      600
aacagtggcg caagtggagt gcccccgcta gttaaaaact gcaaangaaa ataaaggacc      660
attttgacaa ccaaaaaaaaa aaaaaaaaaa cttggggggg ggggcccggn cccaattnc      720
cccctttang gggggggnnnn nnnnaaaann nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      960
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnc    1018

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<210> 1110
 <211> 1040
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1040)
 <223> n is a, c, g, or t

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<400> 1110
nccnnatctg gagctncacc gcngtgccgg ccgctctaga actagtggat cccccgggct      60
gcaggaattc ggcacgagga gaggtgcaac tttcttcggt cgtcccgaat ccgggttcac      120
ccgacaccag ccgccttcca ccatgccgtc taagttcgac cccaacgaga nnaaaatgga      180
ccctgnaggg ncccggnggg gaaagtcggg ccnnggtctg gccttgncct cnaaaatcgg      240
cctttngggn ttgnttcnaa aaaaggccgg ggannactnc gccaaaggnaa ntngggnttg      300
gaaaggggct gagantacng ngaaactgnc cattcaaac agaccaaccc anattgnggn      360
ggnacntnt ngntttggcc ntnancntca angccntaag ggaccancca nggancnaa      420
naancnnaa aacntttann ccnanggaaa ccnttctttt nntgnaaatn ntaacatttg      480
ccngngaan gcggattcgg ttttatacta taaaaaantt tntgganaac cttnaaagag      540
aatacctgtg ggacacccgc ccncatttnt gnggcgtgtg nanntgttnt ngggcgccgc      600
cncctcttng anacncnttt tgnntgntat ttncaccag tgngccccct ggcgagngnt      660
cccccttct nttttnaaaa acatgncgnc aggnnggaaa taaaagngng nccntntttc      720
ncccccccn aaaaaaaaaa aaaaatnttn nctngggggg gggggcccg gnttcccaa      780
ntnttccct ttttngggg gggttntnt ntacnccnt tttntncncn nnatttnatn      840
ttttnctnna nnaantctc ctctcgccnn ttcttngnna anttnttct nnnnttctt      900
natnttncnt cttttttttn ncttactcc ctttttntt tantgngnnt cttnnnttt      960
tcttnctntt tccnnnatn caatatntt tantntntt cgatnctnnn cgnttctctt     1020
naatntantt atnttggtcc                                         1040
  
```

<210> 1111
 <211> 1011
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1011)
 <223> n is a, c, g, or t

<400> 1111
 ttnagcctat annagagnngt attacagtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa attcggcacg agnggatgac ttaccnnntg ggagaacann ggnagaggga 120
 atatcttgnc nccnttggt cctncacntn ctttgnaggc caccggnnt ggtacctntg 180
 acancngcng nntncnggg nntaanccng gtaccaaagg ttcnatngcc cntcttnnan 240
 canntgttcc cananatccc ntctnatatc nacacantan ngccatctgc ccaattgaag 300
 gctntatgcc ttngaattcc acnctgacaa aaaatattcc cnanagtaat atttancacn 360
 cntaganacg ngtgtgtntc tntgncantg nctatanaan ntngagtngt gtncacacac 420
 cccntgntag cgtgnntnt ttttataacc ntttctctgn ngagggnnttt ctncctttct 480
 cnaactccaca ncttctncaa tatcncnntg agagtgtngg acnnttttct ccacngganc 540
 acccttggtat cttttattcn taaaaatntc ancnccccnc atcanttttt cnangaagaa 600
 natgnnttcc ccttcgttga ngnttncctt gnntgncncc tcgttngtgg gaangnttnt 660
 cccccctann cagtaancca ntnttttnnc nnaacantnt tatcccccat tntttntta 720
 gggngngaaa ttnnttnna cnaacttctt tgttgcctcc aataaannnc tgncnngcnc 780
 cntcattngt ttggaaacaa ccagnncctt tcttttctnc nggggnntcn gnaaaaaacc 840
 acaananang ttacnttatt ttnnaccn aaaggtnccc naccctgggc tntncgcaa 900
 aaaaatnttt tttcttncnt agcngntta attnattcan ntccccnccc cnagtttttc 960
 cttnnnanng ananaaannn tttntgnnt atgannanna cnttttttac c 1011

<210> 1112
 <211> 1011
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1011)
 <223> n is a, c, g, or t

<400> 1112
 ttnagcctat annagagnngt attacagtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa attcggcacg agnggatgac ttaccnntg ggagaacann ggnagaggga 120
 atatcttgnc ncnnttgnt cctncacntn ctttgnaggc caccggnnt ggtacctntg 180
 acancngcng nntncnggg nntaanccng gtaccaaagg ttcnatngcc cntcttnnan 240
 canntgttcc cananatccc nctnatatc nacacantan ngccatctgc ccaattgaag 300
 gctntatgcc ttngaattcc acnctgacaa aaaatattcc cnanagtaat atttancacn 360
 cntaganacg ngtgtgtntc tntgncantg nctatanaan ntngagtngt gtncacacac 420
 cccntgntag cgtgnntnt ttttataacc ntttctctgn ngagggnnttt ctncctttct 480
 cnactccaca ncttctncaa tatcncntg agagtgtng acnnttttct ccacngganc 540
 acccttgat cttttattcn taaaaatntc ancnccccnc atcanttttt cnangaagaa 600
 natgnnttcc ccttcgttga ngnttncctt gnntgncncc tcgttngtgg gaangnttnt 660
 cccccctann cagtaancca ntnttttnnc nnaacantnt tatcccccat tntttntta 720
 gggngngaaa ttnnttnna cnaacttctt tgttgcctcc aataaannnc tgncnngcnc 780
 cntcatntgt ttggaaacaa ccagnncctt tcttttctnc nggggnntcn gnaaaaaacc 840
 acaananang ttacnttatt ttnnaccn aaaggtnccc naccctgggc tntncgcaa 900
 aaaaatnttt tttcttncnt agcngntta attnatcan ntccccnccc cnagtttttc 960
 cttnnnanng ananaaann tttntgnnt atgannanna cnttttttac c 1011

<210> 1113
<211> 975
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(975)
<223> n is a, c, g, or t

<400> 1113
ttganaaccg ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggaa ttcggcacga ggctctntnc angtntgtan ctgntngctc tgagcnnttg 120
cctgnnttgt agcanactat gaaancatac tnngnctctc tantatccta gngngagtnt 180
tactcctccn ggnttttcaa agggagtctt aaagcaaata atagatttaa gtgagaattc 240
aagcaaagt cngattagac taatcttgca ttnanatttt agatctanga tatatataca 300
cgcattgtga cgtacacaca cctgcattga catatgttta cagggcctta gctatctcag 360
ttnattttta ctttggaact tnaccatttt cccattttta cagaataagt gaatttgtat 420
aagttggtaa cngctcncca tttttttttt ttttttttng gaaaaaana agggnggggn 480
ccnccnnttt ggtaaaaaaa gnttttcccc ccnggccaan atggccctta nactttngaa 540
tntttttttg gnaaaaaatt ttttttaata ncnttatttt taanacccc taaaccnctt 600
ggtttgggga aacttgngtt ccaaaccctt gggggagnaa attaaagaaa atnccnntta 660
accttggtan nnaaaaagaa ggggggtttt cccccaacc cctgttggtt ttcccggnna 720
aaaaaaaana aaantgggaa nccggggttt tcccccccg ggccccgcen ccttaaaaaan 780
nnggnacggg ggattttccc cttttaaaac cnggggtttt tnaancctg gggnccccct 840
gggntttttt ggggccaaaa aaattncccc gggggnaaaa aggcaaantt tttttttttt 900
ttggnaaaac ccttnaacc ccccgggggg ggaaaccccc ntttcttaaa cttttttttg 960
ggaggggacc ccaaa 975

<210> 1114
 <211> 952
 <212> DNA
 <213> Bovine

 <220>
 <221> misc_feature
 <222> (1)..(952)
 <223> n is a, c, g, or t

 <400> 1114
 ancananctg gagctccccg cgggtggcggc cgctctagaa ctagtggatc cccgggctgc 60
 aggaattcgg caccgaggan annataatgt gnttccttat tttttagata ngnncttaag 120
 ataggttcat actatccttt gaaaagaatt gacaacctgc aagaatgtng ttcatacata 180
 tcatggnaat tgcacagtaa gggagattnt catgtnggat ttggggaact anttgcatta 240
 nttcatagcc atacttgatg aatnaagnca cantggctga cnttgatnct gaatnaatgg 300
 acctaaatan ntttgtatta atgnactctt atctaaaact aatttaccat atttgttctg 360
 tttttgaaag tacaggantt gccctttaat acttggttca aatttgagta cctaaacctt 420
 cacacgagta tagattaaat ggccagatac attactttta gaaagtcgtt attattgatt 480
 tattttaacc ccaattgaga caaataaaat attggttatt gaaaaatgnc ttttctttcc 540
 attactggca tctcacatta gcccatctga ggggaaagac aaaaccagc tcatttctact 600
 ggtgggagta tttctcattt tacataaact cccattatac tctncatctc ttacgaactt 660
 acagagntaa aagagacatt tagtctaaca aagaacctgg tttttttctg gctcacagat 720
 ggttncttat ggngggatac ccgccttttt atttgacctt tagccttttc tttttttana 780
 cnetgggnaa atttgngaaa ttctaaccct ttctaagcat ggtaggtta atttatccnc 840
 ttttttaaac ttaatttttt taagccttaa cctaaaaaaa ttttttttnn tttaaacctn 900
 aataaaangg gttttaanct ttaaaaaaaaa nacctttaaa aanggttttt tc 952

<210> 1115
 <211> 936
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(936)
 <223> n is a, c, g, or t

<400> 1115
 ttgnncaccg ctggagctcc ccgcgggtggc ggccgctcta gaactagtgg atccccggg 60

ctgcagggaa gaactctgat gcagagggtg caccttttcc cagatgaaga tataaccagaa	120
gatattctta agaatttaac agaagagctt cctcaaccac gaaaagtgcc cagacgtcta	180
gatgagtaca cacaagaaga aatagaggct ttcccaagag ttggtctcc acctgaggat	240
tatcggctgt aggaggaaga aaatttcaga aaataacggt gtggtgcttg aaactccttc	300
ctcagggcag gatgaagcaa tagctgcctt ctggaaggaa gcctgctctg ggggctgaaa	360
gtttgtgggg aaaggtcggg aaggggtatc ccttcattag gaaattgcag taagatgtca	420
ttttatagaa ttgttttatt gtatagtgtt atttgaatgt tggaaatgat aagaataaaa	480
ctgcgcctta cttcaaaaaa aaaaaaaaaa aaaaacnntg ggggggggcc cggccccaat	540
tcccccttat gggnggtgnc ttacacncnn nnnnnnnchn nnactggggn tgnnnnnnnn	600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnccn	720
nnntnnnnnn anntnnnnnn nnnnnnnncn nnnnnnnnnn ncngntttn nnnccnnnnn	780
nnnnnnnnng gnnnnnnnnn nngnnnnnnn tnnnnnnntt nnnnnngnnn nnntnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnn	936

<210> 1116
 <211> 988
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(988)
 <223> n is a, c, g, or t

<400> 1116	
gcctatnngg agccgnancn cagtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggaattcg gcacgaggat agttgagact tgtagacatt tatttatact gtgtcatgtt	120
ttataattta tacataaaat gtctggttga ctgtacacct tgtttttgaa gaaatttatt	180
cgtgaaagga agagcagttg ttatttattg tgaggtctct tgcttgtaaa gtaaaagctt	240
tttttttttc cttgnaancc nttnaagncc nttccttact atncactcnc tcactcngct	300
ccnttcnttn acctgncgtt anactntttt ccactttanc canctngcat gtcagtttct	360
gnctgttaa ttnatngnat nctcngctgc cngttctggn catncctgan ccctcgggtt	420
tngttnacaa ggaatctnga ctgaccaaann ggcnttatan cnttgactca aatagcaggt	480

ccagaggatn cntttttgag gaancncna tttctgttct cnggtnggna nnaaaacatc 540
 ggngagggca ggnggnata ncagggtnng gtttctaatac atgccttcta anaggttnca 600
 nanccaaana atngagngat angggngnca ggaccctgaa anaaggaaaa ngctgtacat 660
 tcaaccttat gttaggggtt tccttnaaag gntagtttgc tgtncctttt canctagttt 720
 tttttcccca ntngnccttg aaaaggtata tcaaagcttt ntnagnccan ggttctnggc 780
 ttttnaaaaa acttttttnn ngaggcaatt ttttatttnc aaacatggca agtaaaaaat 840
 aaancnttta aaanntnaag ttttaancctt ttctccctg gaaaggacca ntngttaaaa 900
 aaagttaata agnggggttt cgcaaaataa ngangaggga aaaattanaa aaattttaaa 960
 annccnnaaa aaaaaaaaaa aaaaaant 988

<210> 1117
 <211> 1006
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1006)
 <223> n is a, c, g, or t

<400> 1117
 naaaactgga gctccccgcg gtggcgccg ctctagaact agtggatccc ccgggctgca 60
 ggaattcggc acgaggggaa gacttaccac gtgggagaac agtggcagaa ggaatatctt 120
 ggtgccattt gctcctgcac atgctttgga ggccagcggg gctggcgctg tgacaactgc 180
 cgcagacctg gggctgaacc cggtaacgaa ggctccactg cccactccta caaccagtat 240
 tcccagagat accatcagag aacaaacact aatgtcaact gcccaattga gtgcttcatg 300
 cctttggatg tacaggctga cagagaagat tcccagagat aatatttcca acccagagaa 360
 acaagcgtgg atctctgcca aggtccatcc aaactggagt ggtgttcgca gaccccatgt 420
 tagtgtgttc ctttcttaag ccctttgctc tggagtaact tctccagctt cagctcaact 480
 cacagcttct ccaagcatca ccctgggagt gttttcagac ttttctcata catgggagca 540
 gtaggttata tattcttcaa aatattccat gccaatcagt attttaaatg aagtgattct 600
 aacttgngat ttggattggg atccataggg aagcacatgc cccaaccaag atccaaaatg 660
 tottgaaatg atattaccaa aattttaagt aggaaaagnt acctgaacac ttntgcttnc 720
 acttaactga ctgggcccgc aatantgnan gaaacagcat gnccttttgn actgggggnat 780

tcaaaaaaaaa gccccagtac ttcacttttt tccaaangaa tctaagtaat tggcctaaaa	840
aaaatcnttt ttntaaccg gggaatttaa tcaaattttt cccagnnttt tttatttggg	900
aaaaaaaaat tggnnctggg aaaaanacct taannntgcc ngttnnanaa aaaaggnaaa	960
cnggggnctaa aataangggg ggggggaata atttttttaa acccgg	1006

<210> 1118
 <211> 971
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(971)
 <223> n is a, c, g, or t

<400> 1118	
ncnanatctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct	60
gcagggagaa ggtcttcctt gcccagaaga tgatgattgg tcggtgcaac cgagctggga	120
agcccgatcat ctgtgccaca cagatgctgg agagcatgat caagaagcct cgccctaccc	180
gggcgaggag cagtgccttg gccaatgccg tcttgatgg agccgactgc atcatgctgt	240
ccggagagac ggncaaagg gactaccccc tggaagctgt ccgcatgcag cacctgattg	300
cccngaggc anangctgcc gntaccatt tgcaattgnt cgaggagctn cgtcgctgn	360
caccattac cancgacccc accgaanctg ccgctgtggg ggccgtggag gcgtccttna	420
agtgtgcag tggggccata atcgtcctca ccaagtctgg caggtctgca catcaggtgg	480
ccagataacc cccccgggc cccatcattg ctgtgactcg gaatcaccag acaagctcgc	540
caggccacc tataccgagg caatcttccc tgtggtgtgt taagggacc antgcangag	600
gcctgggctg aggacgtgg atcttncgng gtgancntn nccatnaatg ttngaaaag	660
ggcccagggc ttttttnaan aaaaggagaa aatnggtcan tttttgctna accgggtggg	720
cgccccctgg tttcggttt taaccaanac ccaatgcggg gtagtttctt tgtgcccatg	780
angggacttc gaagccccct ttttccang cccctngttn ccacccccct tttncccaaa	840
aacanttcn ttaggcccaa nnttgcttt ngaatngctt canctttggg ggctngaatt	900
gggggcancc tgggtggggg tgggancacc cnanggaaan aanaangaaa taaccttctt	960
gtggaaancc n	971

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<210> 1119
<211> 935
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(935)
<223> n is a, c, g, or t

<400> 1119
ttnnagccta tanngagntg tatnacagtg gcggccgctc tagaactagt ggatcccccg      60
ggctgcagga aactacactt ggttaccagt ttggggtcga gatgtcctac gtccccgggcc      120
agccggtcac cgccgtggtg caaagagttg aaattcacia gctgcgtcaa ggtganaact      180
taattntggg nttnancntt gnaggcggan tngaccagna tcntcccaa ancntttttt      240
aaaaaaataa aacanacaag gncntttacn tannacggnn ntccaaagga ggcntgcbn      300
aatngntgg gntgcaaate ggggacaaag atcatgcagg tnaacggctg gnacatgacn      360
atggtcacac atgaccaggc cnggaagcgg ctccaccangc nctcngagga ggtggngcgt      420
ctnctggana cgcgnnnatc tctgcaaang gccngcaac agtccatgct gtnctancan      480
ctgccagggg ccccggtgtg gcctgcccgc cntttgtaca gngacaccan ttncacgctn      540
tgtctgctc tcatectggc ttctgctcat tgntgggccc ccnctcaaa agggcaacac      600
ggatccctgc ccggtctgat cccctctncc cgtactgcc aggtcttgtg gcaccatntc      660
tccctctngg atgctgaaga ctggcaacag ggcctggacc cgantcacia tcannctgna      720
gtgacaattt tgggcncaa aancttggtt gcttgccaa aattattccc caggtnatna      780
ggggcccttt tttcttgata ccccccccn tnttaaaaaa cccnggggn ttggccctt      840
gccctttttt ttaaanttec gnagtnnct gtgccccac ttntttttcc tttttttcc      900
caagaggggg acttntnttc ttggcaaaaa aaact      935

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<210> 1120
<211> 963
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(963)
<223> n is a, c, g, or t

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<400> 1120
ttnancaaca gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg      60

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ggctgcagga attcggcacg aggaaatgct gaggtgtaga ctgacagctt taacactgct	120
gaatgccagg ttacacagta ttcttacaaa aagggaagtc agccaaagac tgatctgatg	180
gacccaaaatt ggaattttga aaagcaccag tactactttc caaaatgatc agcagggttaa	240
acatgttcag caaggtatag tgtgaatcca ttaacccttc gtcgtccagg gtccagacca	300
gaactacttg ttagttttga aaatggtagc ccagaatgtg gttgtgtgct ttatggaaag	360
tcagcagtgg ctgcaggctt gggtaaacia ccaaagtttt canggttggn aaaacacttc	420
ttccttgtn c atatccccac caggctttta ttnaaaaatc taaaggnggn ccgtnacctn	480
gggttnggtt tggttttnaa taaagnctt ngaatcnggt ttacctngnt tttnaatata	540
tgncttaaag naatcctaaa tctttttaac ctnacntan ttgcanttnc ccctgnantt	600
tcattggacca agttggcttt nantttggtc aagggggggg tttggttttg gttttttttt	660
ttggcttttt aantnaaaaa cttttggtgg gccagggaat cccctttttt cccctttttg	720
gaaaggnctt tttggccanc cccctggtt taangggccc tggaaanccc cttaccccg	780
ctttggaagg ggttatTTTT tttaaanggg ggcnccccaa aatnctttgg nccccccctt	840
tggtttttaa annnggnaaa ggaaccttgg aaannnctt tttttanaaa aatttttttt	900
tttttttttag gccccnaaa gggttnaaaa aancccccaa aaangggggg tntgtntcnc	960
ccc	963

<210> 1121
 <211> 953
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(953)
 <223> n is a, c, g, or t

<400> 1121	
naaaagctgg agtccccgc ggtggcgggc gctctagaac tagtggatcc ccgggctgca	60
ggaattcggc acgagggtct ttaaaccctg cgtggcaatc cctgacgcac cgccgtgatg	120
cccagggaag acagggcgac ctggaagtcc aactacttcc ttaagatcat ccaacttctg	180
gatgattatc caaaatgctt cattgtggga gcagacaacg tgggctccaa gcagatgcag	240
cagatccgca tgtccctccg cggaagggt gtggtgctga tgggcaagaa cacgatgatg	300
cgcaaggcca tccgagggca tctggaaaac aaccgggctc tggagaaact gttgcctcac	360
atccggggga atgtgggctt cgtgttcacc aaggaggacc tcaactgaaat cagggacatg	420

ctgctggcca acaaggtgcc agttgccgcc cgtgctggtg ccatancgcc gtgtgaantc 480
 attgtgccag cacanaacac tggctctgggg ccgaaaaan acctccttnt tccaggcttt 540
 aggcatacacc acnaanatnt ccanggggca caattgaaat cctgatgatg tgcagctgat 600
 taaaacagga gacaaagttg gcgccagcga agcccccttg ntgaacatgc tgaacatntt 660
 cccctttttc tttgggctgg cattcancag gggttngaca atggcagcan tttacaaacc 720
 ttgaagtggg ttgacaatna caaaaggaaa cttttgantt cccgntttct gggagggcgt 780
 nccnaatgt tgncaaccgt ttgccttcca aattgggtaa cccaanccgt tgggaatttt 840
 ggancccent ttttttatta aatggggtn ccaagccccgg ccctggggtt ttggcttggg 900
 ggnnaaattg antaacnccn tttcncntt tntttaaaaa gggccaaggg cct 953

<210> 1122
 <211> 1021
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1021)
 <223> n is a, c, g, or t

<400> 1122
 tnnanaaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa ttcggcncga ggganagaga gagagagaga gagagagaga gagagagaga 120
 gaganagagn gggnggnncn gncccnncn ncgntatana gaganncata annccccctn 180
 gctactntgn tccatatnta gannactgta ngncnnggc accgcacac gcattntttg 240
 tagnattctt tcttcgtaac cgtnncgaac catnatngga cccattcagt tcnctnactc 300
 ntctccctaa naatcttctg ctgncgacct agcatgncc acnantaggc ccctntnagc 360
 gtacnnactt ctccctacgt tattcttact actcncgga tantctatcg ttggaacctt 420
 ggggttacgn acacgcntgt accngtnnc ctctctnngn naccgtgntg agccatgcgn 480
 ganctttngt ttatcnnacc ttnttttggt tacctttacc gtgantttgc tcatttntnt 540
 gagccctaan cttcnttgcg tnaattatnn acataccgc cnnnancntt gtggcntgac 600
 caaactncct ntgtttggna tnatccgtaa taaattaccg gaccggccta ntactnnngc 660
 tcctttccat gcgttcccn naccggann ncttttgn nttntntnac ccngaacct 720
 aattgcttgg cntttttggt tcccgggggg aaggaggaaa ancccttntt cttttgncct 780

gcaccttttt	ttnnnnattc	ntttcggaca	anccccgaaa	gtnttttnnt	ttccaaaacc	840
ttntcttggg	cctaaggnaa	tnaaattttt	taatattccc	tnggncttgn	tnagtaaang	900
ngaaaaantt	tgncctcttt	tngnntat	tttgggnaaa	aaatttgggc	ctttgaaatn	960
ngaaaccctt	tntttgnncn	gggnnccaag	ggnaangggg	nccccccctt	ttttttncnn	1020
t						1021

<210> 1123
 <211> 948
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(948)
 <223> n is a, c, g, or t

<400> 1123	
ttnnncaang	ctggagctcc accgcggttg cggccgctct agaactaagt ggatcccccg 60
ggctgcagg	cnagtgcg tgcgcgctg cgctggccct cgcctcggag cagccatgat 120
ggaaggcctg	gacgacggcc ccgacttcct ctctcaggag gaccgcggac ttaaagcaat 180
aatgtagat	cttcagagt atgctgctct gcaggtggac atttctgatg ctctgagtga 240
gagagacaaa	gtaaaattca ctgttcacac aaagagttca ttgccaaatt ttaaacagaa 300
tgagttttct	gttgttcgac aacatgagga atttatctgg cttcacgatt ccttcattga 360
aatgaagac	tatgcaggtt acattatccc tccagcacca ccaagacctg attttgatgc 420
ctcaaggagg	aaactacaga aacttgaga aggagaagg tctatgacaa aggaggaatt 480
cacgaagatg	anncaggaat tgcaagctca gtactttggc aatattcaag angacggttg 540
caatgcatga	agtgtttctg tgttttagng gcttgcacat cccattttga ggaaagattt 600
aaattttccat	gtcttcctgg aatataatca agatttgagt gngcgaagga aaaaaaaaaa 660
aaaaaaaaac	ct nggggggggg gcccgggccc ccaattnncc cttttagggg ggggnnttnn 720
nnnnnnnnnn	nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn	nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn	nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn	nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 948

<210> 1124
 <211> 1430
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1430)
 <223> n is a, c, g, or t

<400> 1124
 nngcngnncn nccntnctcn nnnnnnnnnn nnnannnnnn nncncncnnn nntnctcccc 60
 ctncnnttna tnancntcnc tncnnggggn nnnnngtann gtctntncnn tttgagccna 120
 ntggagctnc acncngtggc ggccgctcta gaactagtgg atccccggg ctgcaggntn 180
 ccagggaanc ncnggttatt tgnntgtaag ntcacnntg gggancaagc tnanntggtg 240
 nnganggnct ggtgcctgga ncaagtgnnt nttnttccac ntnttntcnt ataancnttt 300
 atncnntcn nggnetgacc tcnccaaggg ccnggntgca tgctgcttga ggatnagtag 360
 natgtatgna aattncaatn ctctgtgacc accccttggg tcatgaacca tcaagacagg 420
 ccgagattcn tagacctaat gcattgannt gngncgtgtn gatgcatant gcgacctcca 480
 gtgacacttg ngcctattga cgacantgtg ngcctgaaan cagagtaact naaggctgga 540
 gcnggtcagt gagagacatc caagtgccct nggtgnanta accttcgggt agntgacnaa 600
 ntccgatcct nccacntac tanagggnca agtcctttng nngattttgg aatgaatgcn 660
 tgggtgnann nccgggcnat tgnnggantg agggangnca atgnnttgan nggggtgnaa 720
 annnaaacc gaangggnaa cacnagccta gaggggggnn cnnnaatntt ttngggggna 780
 aacttcaatg nnnccaaaaa attnaacccc tgnaaanttn nngctncaaa aattctntta 840
 ncaanttnaa nttgtattcn tannagggtc taggncnngn ttttnnatna aaanaanaan 900
 ttcgggnntg nggtaacttt ttgntanaaa aangaatgnt gcgcccanac cnnngctggg 960
 attnnttttn angaaaaaaa tannnccggn ggntttcntn nntatggtgc ggcttnnttt 1020
 tgctattnnn ganantactg nggnagncta caanggnaan ttgactcanc canaaccagg 1080
 gnetcccttt ttnntccant tnccccctg tncaaagtgc acnngtannn acatgnacnt 1140
 tgggntngng cgcgcattht ccctttttng ncngganagg attctttatc ccncactcct 1200
 annngggttg caaaaaacnc ctcnnattht tttgcacatt tgnagngggg ggaaggaaan 1260
 atagttnacc ctattnttgg aagncgntgc cnaaagtntt cacacannac aanagagatn 1320
 ttctctntgt gngggggngt ngtcncnnn ncttacctat naatnggcgc tnntnntttt 1380

nnnnnangna gccnaacnc tattanttac attcatcgnt gncatatntcc

1430

<210> 1125
<211> 1010
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1010)
<223> n is a, c, g, or t

<400> 1125
cncnatctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
caggggaattt cggcacgagg cgaccagtga ctagactgaa agaaactcat cctttgggag 120
tcatggcagc tgatgaagat aacaaagaac aagttcttaa ggaatgtgag caagctgaag 180
aaattatgaa agataaacia aaccagaaat taattagtga aattacaaag gaaaatatcc 240
agttaaagga ggagatcaaa aaacttgaag ctgagttaca ggagaccacc aggacctccc 300
agattaatga ggatattcct gaaacaaaga taaagttcac atctgtggag aatcctgaga 360
gtgacagcga gtttttagat atctcctatt catgtcaagt gagctcaaaa gtcccttatg 420
agctgcaaaa aggacaagca cttattacct ttgaaaaaga agaagttgcc caaaatgtga 480
tcagaatgga ataccatcat gtgcaggtac agaatgaaaa tgtgatgctc acggccaacc 540
cagtttcggt aaattcagga gtcaaattcc aggttcacgt aggagtgtct aaaatgaaaa 600
tcaacgttac cgacattcct gatgaactgc tnnaaagtca gatgagagac aagctanaat 660
tgagtttctt ttaagtctcc caacggaggg gganaagtgg agtaccgtgg agtttaacia 720
gcagaccng agccgccctt tttccctttt ngggaaaggg gaatttcttg nnaagaattt 780
ttgaaaatgg aaagactntc cnttttntt aaaatcaaaa cctggccata aaggttcng 840
gtttntccct acnccnaaaa cnccccttg gaaaangttt tagggttttt tcnnggagtt 900
ttntaaaaag gccanngttt ttggactngg acnttaaacc ccttnaaaa cncnnggtt 960
naaaaaaatt tttaaanggg ttttttntn cntnccctt tnnngggggg 1010

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<210> 1126
<211> 940
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(940)
<223> n is a, c, g, or t

<400> 1126
caanantcgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg      60
caggctccag caaagaagat aaagcctcag accccaaca catttcctaa aaggaagaag      120
ggagaacgaa gggcatcctc cccattccga aggatcaggg aagaggagat cgaggtggat      180
gctcgagtgg cagacaattc ctttgatgcc aagcgggggtg cagctggaga ctgggggggag      240
cgagccaatc aggttctgaa gttcaccaaa ggcaaatcct tccggcatga naaaaccaag      300
aagaagcggg gcagctaccg gggagggtcc atctntgtcc aagtcaactc tgttaagttt      360
gacagcgagt gaccatgggc cgtctatggc acagcaaggg tgtgccact caacgtcctc      420
agtggacctg ggaatcctag gctctatcag gggagggtct tggatgaagag agcagtttan      480
aataggtctg aagactgcac tgtaacaccc tctaaggtcc ttttttgtgt tcgtgggttt      540
gtacagattt gttttttgag tgttgggtag caaggacaaa gagtgttcat ttttaagaac      600
aattttagtt gtcattcccc tccatgttct gtgaaagtct tcatactgag aaatttggat      660
attttcctat taaatcattt cttattgaaa aaaaaaaaaa aaaaaacnt cggggggggg      720
gccccgggnc cccaaatttn nccnttttnn ggnngggggn nnttaannnn nnnnnnnnnn      780
nnnnnnnnnn nnnnnnnncn nnnnnnnnnn nnnnnnnntn nnnnnntnnn nnnnnnnnnn      840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ntnnnnnnnn nnnnnnnnnn nnnnnnnnnn      900
nnnnnnnnnn nnnnnncnnn ncnnnnnnntn nntnnnnnnn      940

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<210> 1127
<211> 1423
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1423)
<223> n is a, c, g, or t

<400> 1127
tttgnaggnc cncntagnng angttcgtca ttacagtggg ntggacgntt tanaactagg      60

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gggcacncc	ncggnccttg	aangtaaact	tacaccnct	ctcctttntt	ttncgtcta	120
ttatnnttt	natnnncan	ngggggcnt	tnattntnn	tnnttctana	natanctcg	180
aagcttnact	ctttttnnnt	cgngacanna	tnnacnggn	cggaaagtan	actntatat	240
ncntgatgan	ctcttaactt	ttatncnatg	agtngttatn	ntgtgttnct	atntnaaatt	300
cattangan	nnantcanat	tanntctnca	ctaacgcnta	nancantnag	taccnctgcg	360
ggctnctntt	aanactcgac	cacgngngna	atncngnana	gtgnagnntc	ntnttgctna	420
gaaaattttg	cgtgnngnct	tgnaagaat	tctggggnga	cnaagaatca	ntntcaagag	480
ctgaaatcgg	tttgcnnagc	antagactca	ntgtgttnac	tnnnnttgna	nctacngtcc	540
cnggnaannn	cgagatttna	cacatnggct	gcttcgggna	ggtaggggtg	tnntgtngtt	600
nttgcnttg	ttngaacnac	agggcnnatt	angcnttggc	nnnaantgn	ccntnnnaga	660
ccnttacna	ttantnttn	tnaaantan	ntatntnga	angttgnntc	ncctngattc	720
gnttnacttt	gtgnctgtat	nccttctntn	acaagnnnc	nctacntnn	ttttaaacnt	780
ntttgtgatn	atggggnnt	ncaattnctn	nattntttt	tnctttattt	ngttngnnnn	840
nnantnanta	ntgtnnatna	tcntgganan	tnntanntn	tggagttnan	ntnggtttnn	900
nngttcgtga	tcntntcntn	atnnnnctc	ttnnctnta	tacnnnatna	gaagttnann	960
atntacacnn	atccttcttt	cctcctcntt	tgggaatnnc	nttganggta	cttngtgaaa	1020
aacantnngn	ntttttggtn	agnncccggn	gttnnnaatn	tctannctcn	atgnttnngt	1080
gnnnctnagn	tnnnntanga	ggtantgaca	ataanntaat	ttgtntcacn	attgggantn	1140
cnantatgnn	ntttatnntt	tnntntnggn	ntttntntg	ngtntccgtt	anntatntac	1200
gtanncngag	ttntcnncg	tngaattcnn	tctgntgnta	ntatnannng	ggnttatggg	1260
nctcccttg	ngcnnantgg	gtatantcng	naaannnttg	ccngntgntg	ggnatntgtg	1320
tgccgcctaa	gngncntttt	ntacgactnc	tcnatatttn	ntngcctacn	aagggtgtna	1380
cnttgngnta	ttnnanttgt	gantcttata	tgntnancan	nng		1423

<210> 1128
 <211> 1423
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1423)
 <223> n is a, c, g, or t

<400> 1128
 tttgnaggnc cncntagngg angttcgtca ttacagtggg ntggacgntt tanaactagg 60
 gggcatcncc ncggncttgg aangtaaact tacaccnngt ctcccttntt ttncgcgtcta 120
 ttatnntttt natnnncnan ngggggcctn tnattntnn tnnttctana natanccctg 180
 aagcttnact ctttttntnt cgngacanna tntnacnggn cggaaagtan acttntatat 240
 ncntgatgan ctcttaactt ttatncnatg agtngttatn ntgtgttnt atntnaaatt 300
 cattangan nnantcanat tanntctnca ctaacgnta nancantnag taccnctgcg 360
 ggctnctntt aanactcgac cacgngngna atncngnana gtgnagnntc ntnttgctna 420
 gaaaattttg cgtgngngct tgnaagaat tctggggnga cnaagaatca ntntcaagag 480
 ctgaaatcgg ttgcnngac antagactca ntgtgttnac tnnnttgna nctacngtcc 540
 cnggnaannn cgagatttna cacatnggct gcttcggna ggtagggttg tnttgtngtt 600
 nttgcnttgg ttngaacnac agggcnatt angcnttggc nntnaantgn ccntnnnaga 660
 ccnttacna ttantnttn tntaaantan ntatnntnga angttgnntc ncctngattc 720
 gnttnacttt gtgncgtgat nccttctntn acaagnnnc nctacntnn ttttaaact 780
 ntttgtgatn atggggnnt ncaattntn nattntttt tncctttatt ngttngnnnn 840
 nnantnanta ntgttnatna tcntgganan tnnntanntn tggagttnan ntnggttttn 900
 nngttcgtga tcntntcntn atnnnnntc ttnncntnta tacnnnatna gaagttnann 960
 atntacacnn atccttcttt cctcctcntt tgggaatnnc nttganggta ctngtgaaa 1020
 aacantnngn ntttttggtn agnncccggn gttnnnaatn tctannctn atgnttnngt 1080
 gnnnctnagn tnnntanga ggtantgaca ataanntaat ttgtntcacn attgggantn 1140
 cnantatggn ntttatntt tntnntnggn nttntnttg ngntccgtt anntatntac 1200
 gtannengag tttntcnng tngaattcn tctgntgnta ntatnannng ggnttatggg 1260
 nctcccttgg ngcnantgg gtatantcng naaannnttg ccngntgntg ggnatntgtg 1320
 tgccgcctaa gngnctttt ntacgactnc tcnatatttn ntngcctacn aagggtgtna 1380

cnttgngnta ttnnanttgt gantcttata tgntnancan nng

1423

<210> 1129

<211> 980

<212> DNA

<213> Bovine

<220>

<221> misc_feature

<222> (1)..(980)

<223> n is a, c, g, or t

<400> 1129

ttnaaaaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg	60
gctgcaggaa ttcggcacga ggtcctngtc gtngctgaac tttccggaac cgcagctgca	120
gocgcaatgg cccacacctg ggtgcctgcc gtgggcttca cgctgttgcc cagtctgggg	180
ggcttctctg gngcccagaa ccccgagga nanggtttcc anatggtacg ccagcctgca	240
gaagcccccg tggcacccgc cccgctggat tctggctccc atctggggca cactctactc	300
ggccatgggg tatggttctt acatgatcnn naaagagcng nngggntntt taanggaagc	360
gntgnttnon ctgggcntnt acgntnnnca antgtctctg aactgggcat ggctccct	420
ntttctcggc actcgacaaa tgggcttggg ccttggtgga tctcctgctg actggcggca	480
tggaagcagc cacggccaat ggctggcac cangtgagcc cgcggntgc ntgcctgctg	540
naccngnacc tggcctggct gncctttgcg gccatgctca actaccgaat ggggnaagac	600
aaccaagtcc ggaggaatgg ccggcggnnt ttcggaatga agaaccctt ncccttccan	660
gaattgcaac ccgttgnggg tcaaggcact tgttgggggg ggggncccca aggccttccg	720
aanncaccaa ggcccgctt gttttgntnt taancccagg gggngaacca ncaatttcca	780
aaaggggctt ccttntgaac ttgaaccccc caaccccaaa aaaaaagggn ncttgggccc	840
tttaanccct tgnttnaaaa ntiggttttt naaaaacatt ggaaattttt tttaacccaa	900
aanaaaagtg tttttaacct ttaaaaaaaaa aaaaaggnaa aaatttgggg gggggggccc	960
cgggnncnca aatttttctt	980

<210> 1130
 <211> 999
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(999)
 <223> n is a, c, g, or t

<400> 1130
 aaaagctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc ccgggctgca 60
 ggnanganna acnnngccct gcccaagaaa caaangcana atcgtcccat tcctcaatgg 120
 attcgaatga aaactggcaa taaaatcagg tacaactcca agagaagaca ttggagaaga 180
 accaagctgg gtctataaga agcatgctgg gtctatgaga agtgggtctta acatgtagac 240
 cactttttta agcagccaga tcacantgaa acatcactac tgtaatgctc ggcccatgat 300
 gttatttcct cctntcaggc tgagaccag cattaatata aacggtnpga aaaaaaaaaa 360
 aaaaactnng ggggggggcn nggaccagc ttnccctnt gggnnngtga anncanttgc 420
 naaagaagcc tcnataannt ccttnaagan taccngngt ccntcanngg ggaacttggg 480
 gaacaaanan cncaanggn nntagcnttt ttgaacnggg cttngcnaac naattaancn 540
 cnttcttttg taatttttaa aaccantnaa tttttttnt tgggggaaaa acattaatcc 600
 ccntnggggt gggntggnnn tgnntggact tancggggaa gggattggtg taaccccat 660
 attttgaatt tttnttttaa gggttggtt caaaaanagg gaaaaaangn gttancaaaa 720
 nntcnccann ttccttttg anaaaaancn cccttnncnn ncntaanng gncnnggt 780
 aatggttttt tttattccn ccnaaaacc aaggntttta aacntttttg gncctggng 840
 gggnaantcc cnngnnttt tcttntttt ttnnancnt ngnttnaant tnnngaccnn 900
 gngggctttg gttttttnaa aaaaaactn tnccttgggn gggttnnntt taaaaattaa 960
 acccggttt naaanccttt tttgggaaaa aaaaaact 999

<210> 1131
 <211> 969
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(969)
 <223> n is a, c, g, or t

<400> 1131
 tnnnnaacag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa ttccggcacga ggggagaatt caagtgtgat cctcatgagg ccacatgcta 120
 tgacgatggg aagacttacc acgtgggaga acagtggcag aaggaatatc ttggtgccat 180
 ttgctcctgc acatgctttg gaggccagcg gggctggcgc tgtgacaact gccgcagacc 240
 tggggctgaa cccggtaacg aaggctccac tgcccactcc tacaaccagt attcccagag 300
 ataccatcag agaacaaaca ctaatgtcaa ctgcccaatt gagtgtttca tgcctttgga 360
 tgtacaggct gacagagaag attcccgaga gtaatatctc caaccagag aaacaagcgt 420
 ggatctctgc caaggtccat ccaaactgga gtggtgttcg cagaccccat gttagtgtgt 480
 tcctttctta agccctttgc tctggagtaa cttctccagc ttcagctcaa ctcacagctt 540
 ctccaagcat caccctggga gtgttttcag acttttctca tacatgggag cagtaggtta 600
 tctattcttc aaaatattcc atgccaatca gtaattttta aatgaagtga ttctaacttg 660
 ngatttggat tgggatccat agggaaagca catgcnccaa ccaagataca aaatgtcttg 720
 gaaatgatat taccctaaat tttaagtagg aaagttaccc tggaacacnt tntgnntttc 780
 acnttaactg gactgggccc cgcaatattg nanggaacca gcatggccct tttggacctg 840
 ggggaattca aaaaacaagc ccaggnact tcnntttttt tccaaaagga aatctaagga 900
 attggcctaa aaaaaaatt ttttttnntt acccggaat ttaanaaat tttttnccca 960
 anntttttn 969

<210> 1132
<211> 912
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(912)
<223> n is a, c, g, or t

<400> 1132
ttnaacaann ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atcccccggg 60
ctgcagggttt gatccctggg tcggnaaggt cccctggaga aggaaatggc aaccactcc 120
agtattcatg cctggaaaat cccatggacc gaggagcctg gtgggctaca gtccatggga 180
tcacaaagag tcggacatga ctgagcgact tcatttcatt cattcaagcc gacctttgtt 240
cccctttgaa atcccttcaa gcttttggat gttcttgggtg gtaacagcat tagattttgg 300
gatattcttc tcggattcaa ccttgcattt aatgggtttt agacattaac aaaacggatt 360
ctttaaaagg aaagaaatta agtctacctt attctgctag gcactcgtgc tccctgtgtc 420
aaccgtactt ttataactat ggtaatgaag tcaatagata gcaaactaat tattccttcc 480
cccttgtaaa attgagaaaa cttgctaaca aggaactgaa actgttatct tgaacatagt 540
ccccagtcta gtttttgcca tgactataat gaatatagtc atgtggntaa tttcaatttc 600
cttgnggtta atttcaaaag aattctcaga tcccacagta taaanggtgg aaaattatgg 660
taccttttat gcttganaaa angaaantng ggggggttaa cccatttnaa agnnncatgn 720
aatcatgggt nggaaaaggc atttggantn cntttggagt tatatatagg aaccggcaag 780
tttttgagtg tgaatccttt taaacatgcc ggacanaata aaaaaccttn gttttgnnaa 840
aannngncc ccccantttt ntnaaanggn aaannttttn cnttttggcc ttttnaaaac 900
cagnnnnccc ca 912

<210> 1133
<211> 996
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(996)
<223> n is a, c, g, or t

<400> 1133
ncaaaanctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct 60

gcaggcgaca gatagccgac ttctgtgctg tgccagccgc atccctgaga caagatggtg	120
aaggtcggag tgaacggatt cggccgcata gggcgcttg tcaccagggc tgcttttaaat	180
tctggcaaag tggacatcgt cgccatcaat gaccccttca ttgaccttca ctacatggtc	240
tacatgttcc agtatgattc caccacggc aagttcaacg gcacagtcaa ggcagagaac	300
gggaagctcg tcatcaatgg aaaggccatc accatcttcc aggagcgaga tcctgccaac	360
atcaagtggg gtgatgctgg tgctgagtat gtggtggagt cactgggggt cttcactacc	420
atggagaagg ctggggctca cttgaagggt ggcgccaaga gggtcatcat ctctgcacct	480
tctgccgatg ccccatgtt tgtgatgggc cgtgaaccac gagaagtata acaacacct	540
caagattgtc agcaatgcct cctgcaccac caactgcttg gccccctgg ccaaggatcat	600
ccatgaccac tttggcatcg tggagggact tatgaccact gtccacgcca tcaactgccac	660
ccagaagact gtggatggcc ccttcgggga agctgtggcg tgacggccga ngggctgccc	720
anaatatcat ccctgcttcc tactggcgct tgcccaaggc cgtggggcaa ggtcatnct	780
gagctcaacg ggaagcttac ctggcatggg cnttcgggt cccactccn acgtgtttgt	840
tgnggatctg accttgccgc ctggganaaa ccttgccagt ntgatganan caaaaaaggn	900
ggngaaaaca ggcgtcaaag ggccttttca agggcattnt aggccttctt ggaggancag	960
gttgtttctt gnaaattnaa aagngacacn tccttt	996

<210> 1134
 <211> 1012
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1012)
 <223> n is a, c, g, or t

<400> 1134	
ancaannnct ggagctccac cgcggtggcg gccgctctag aactagtga tccccgggc	60
tgcaggcaaa ctccacctgg actacatcgg gccttgcaaa tacatcccc cctgcctgga	120
ctccgagctg actgaattcc ccttgccgat gcgggactgg cttagaacg tcctggtcac	180
gctgtacgag agggacgagg acaacaacct cctgaccgag aagcagaagc tgcgagtga	240
aaagatccac gagaatgaga agcgccctgga ggctggcgac catcctgtgg aactgctggc	300
ccgggacttc gagaagaact acaacatgta catcttccct gtgcactggc agttcgggca	360
gctggatcag caccctattg acgggtacct gtctcacacc gagctggccc cactgcgcgc	420

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cccccttatt cccatggaac actgcaccac ccgctttttc gagacctgtg acctggacaa      480
cgacaagtac atcgccctgg acgaagtggg ccggctgctt cggcatcaag gagaaggaca      540
tcgacaagga cctcgtgatc taaaagccat gcctcctcct gcagaaccag attctctctc      600
tttgactttc cccttctggt tttcccaatg tttaaaatgg ttggatgggt tgttgggtctt      660
gcctgggggtc aaggggctaa tatagactta aacgaatacc nttaaccggg gctnaacaca      720
gaacttttta anccaagtcn cgaaatttnt taagtgnnaa ctnaactttt tncgggcttt      780
ttggttacct atgaaanggg ccccggtttt ctttttggcc gggnggcccc ttcnccctt      840
tggntttngg ggggcnaatt gggngnggaa cacttttntt ttggttnnng ntttnncnt      900
taaaanacca attgggnatt ttttnaanat tttnaatntt ttttnntnna aaaactaatt      960
ttccccann ncnnaantt tgggtttant ttttttnnng ggggnntggg cg      1012

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<210> 1135
<211> 1035
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(1035)
<223> n is a, c, g, or t

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<400> 1135
gccctatang gagnngnatn acagtggcgg ccgctctaga actagtggat cccccgggct      60
gcaggaattc gncacgaggn tgnaatgtnc tntncngact gnnngncncn cncangatan      120
nnanggnaga agcnnacctn gtggngcttt gggcccnct ggggacaann tctagcccat      180
nntcactct attgnnactc ttncagggcc tggaanccct tgntcctatn ttctnctnng      240
gctagggggc tngncttnnc nannccgncn ggaaaangga nngatnnacc cagggngann      300
nonggaaatc aaanctnant ggaaaancnt ngcccnnnnc ccaggngngn aattnngcct      360
gnanactggn ngaccatgat gacnntgagg ntgtggtngn nagccacnag ggccttcann      420
agnatgnagn ngngttggtt ttacncgant gccngggcta ccagtttttt caaatatgtn      480
nattgntgcc gtnccccccn cccttnnnnt nggttnnatan annnncttnt gtncnacnnc      540
nacntncac anagagatta acnnaagnct tantgtcccn anaaaantgn ttaaaancnc      600
cnggagcaag ggtncntncn natngacnat tttttccna tttnggnaan ggttcttata      660
natecngntg ntnccttcc ttttcatott ngncatncca gatantacnt ggtgngatgg      720

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gncccccctc ttncanntn nctnnttng canaccanga tcngtnnngn antnntccaa	780
aaacanncat tcccttnatt tnnantattn ttncctngcn aaatcnnt ntntnaatn	840
gnnnattcnt cntttacctt nnannnggt aattatannt tgggcnatgt gtttcttnc	900
tgncgacct ncaacntnc tgtaattatt ntttanttng gtantnttac atccnncann	960
tntnttaata nnatncntg tccnanttna ttaatnnnta ttnnnactaa antatncnt	1020
caattcntnc ntccg	1035

<210> 1136
 <211> 1124
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1124)
 <223> n is a, c, g, or t

<400> 1136	
ttnagnccta nnntgnntcn ntntnaaan gnannacnt ntagaactag tggatcccc	60
gggctgnagg caancgaca cnaggnntt ctgggncant agcaaaagta tccctnttta	120
ggggnatntn natggtnga ntgaanngg ttnaaaacga tngaacgnc ttgntctaaa	180
aggctnggn ncannnccg gaaaanngac anancctanc tntttgnnt ngcttaancn	240
acntntttt aaactaagnc nngncnntt nanntncncn cnagggnatn gngcannna	300
nngtncnan agnaanagat cggcatttn ntatancgn gnganngcgt cnatcctatt	360
ttttgtgng ggcnaaatgg ngtgacaann tagnnngggc nnatgaangg cctcattnat	420
anntngnan tcacaacagg ggtannttt ntngtntnn gaactngnt ngccatnt	480
tgnaaagnt ntgtccaaa ananttataa aanntntna cnacgcctt tgngcgagng	540
tccccctta ntntntngt gtcnggnct ntgcaacnc cnnaagtaan taannaagan	600
ctctcatnn ttagnnnncn anattgncat atnntnctt ntatcccta atctctatgn	660
annanccan ntntcann attntttcca acaattccnc tttnttcnn ttanctntc	720
gnnanccatn tntcnanaa gtagtcgng atnnnattat tncgcncn ngngatnt	780
agttgngttn ntcnnntnn ntattngaa ncntcnttc atttgactcg ccttnatntn	840
ntntagcctt acttangaac acntnaactt tcttnactnt attctcntt tttncgncna	900
tggctgctcn aaanacntn tctttctcna atgacannan tcggnnncan attntatta	960
ggtnnnttac nctngtnc nccttttta tctntntntc nnnntnnann nctnggatc	1020

gacnctcgct ttnnntgnc aaatcccnct antttnncc canatccncc cncnnnnca 1080
 nanngttnat nnttattnag anntcccncc acatntntnc nncg 1124

<210> 1137
 <211> 1124
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1124)
 <223> n is a, c, g, or t

<400> 1137
 ttagncccta nntgnntcn ntntnnaaan gnannacnct ntagaactag tggatcccc 60
 gggctgnagg caancngaca cnaggnntt ctgggncant agcaaaagta tccctnttta 120
 ggggnatntn natggtngga ntngaannngg ttnaaaacga tngaacgnc ttgntctaaa 180
 aggctnggnn ncannnnccg gaaaanngac anancctanc tnttttgnnt ngcttaancn 240
 acntnntttt aaactaagnc nngncnnntt nanntnncn cnagggnatn gngncannna 300
 nngtnccnan agnaanagat cggcatttnn ntatanengn gnganngcgt cnatcctatt 360
 ttttgtgngg ggcnaaatgg ngtgacaann tagnnngggc nnatgaangg cctcattnat 420
 anntnggnan tcacaacagg ggtanntttt ntngtnntnn gaancngnt ngcccatnt 480
 tgnnaagngt ntgctccaaa ananttataa aanntntna cnacgcctt tgngcgagng 540
 tccccctta ntntntngt gtcnggnnt ntgcaacn cnnaagtaan taannaagan 600
 ctctcatnnn ttagnnnncn anattgncat atntnnctt ntatcccta atctctatgn 660
 annanccan ntntctcann attntttcca acaattccnc tttntntcn ttanctntc 720
 gnnanccatn tntcnanaa gtagtcgngg atnnnattat tnccgcctn ngngatnt 780
 agttgngttn ntcnnntnn ntattngaa ncnntcttc atttgactcg cctnatntn 840
 ntntagcctt acttangaac acntnaactt tcttnactnt attctntnt tttncgncna 900
 tggctgctcn aaanacntn tctttctcna atgacannan tcggnnnan attntatta 960
 ggtnnnttac nctngtnnc nccttttta tctntntntc nnnntnnann nctnggatc 1020
 gacnctcgct ttnnntgnc aaatcccnct antttnncc canatccncc cncnnnnca 1080
 nanngttnat nnttattnag anntcccncc acatntntnc nncg 1124

<210> 1138
 <211> 966
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(966)
 <223> n is a, c, g, or t

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<400> 1138
tnnnnaaagc tggagctcca ccgcggtggc ggccgctcta gaactagtgg atcccccggg      60
ctgcaggaat tcggcacgag gccctcctccc ccgagcgccg ctctggccgc actgcgctcg      120
ccctgagctc cgggctcctg ctaagccagc gccgctgtcg cctccctcca gtcgccatca      180
tgatcatcta ccgggacctc attagccatg acgagatggt ctccgacatc tacaagatcc      240
gggagggtcg ggacgggctg tgtctggagg tggaggggaa gatggtcagt aggacagagg      300
gtaacatcga tgactcgctc attggtggaa atgcctccgc tgaaggcccc gagggcgaag      360
gtaccgaaag cacagtaatc actgggtgtc gatattgtca tgaaccatca ctttgcagga      420
aaccagcttt caaaaagaa gcctacaaga agtacatcaa agattacatg aagtcaatca      480
aagggaactt tgaagaacag agaccagaaa gagtaaaacc tttatgacag gggcttgcan      540
aacaaaatca agccatcct tgttaatttc aaaaactatc agttctttat tggtgaaaaa      600
catgaatcca gatggcatgg ttgctctgct ggactaccgn gaggatggng taaccccata      660
tatgaatttt ntttaaggat gggttaaaaa atgggaaaaa tgttaaccaa agttggcaag      720
ttacntttgg aatcaaatca ccttgctggc ataaactggc tnggctactg ggttttcatt      780
ccccccacc accaggactt taaacagaan gggaactgga tgtcattctc gagcttttta      840
ntttggtttg aaccgttgan ttaatttga gcgggnggcc tttgtttttt ganaaaaacg      900
ggtcatggga ggggtggctta aaaaanaaaa cnccttttaa acttcnttgg naaaaaaaaa      960
aaaaaa                                           966
  
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<210> 1139
 <211> 1062
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1062)
 <223> n is a, c, g, or t

<400> 1139
 aanagctgga gctccaccgc ggtggcggcc gctctagaac tagtggatnc ccgggctgca 60
 ggnangatcn ancnngtcct gcccaaaaaa caaangcnta atcggcccat nggttaatgg 120
 attcgnnatg aaaactgccca gntataatca ggtacaactn cangagaaga cattggataa 180
 agaaccaagc tgnnctatna taagcangct ggggtctatga nangtggcct taacatgnag 240
 accacttttt ttaagcannc anatgacatt gaaaacntca cttactgnnn tgcntcggcc 300
 catgangtta tttccttact atnaggnttg aaacccatcc aataaatnta aancnnggc 360
 aaaaaaaaaa aaaaaaantc cnngggggnc ccctnnncna nanantccct taaagtaaaa 420
 ttgtttanan agancantcn atcttgngc tttntttnc cncntngca atncatncan 480
 gnntnncccc cnttgnggn nttttntcnt ttatanntcn tncnnncttn ggggctnntc 540
 tcgnanttnc tntnnentat nccanttnt tntcctnag nctaaaaaan catcctnta 600
 aancnnatt anaaanncac actnngnnan cantttatac nnntcntcac tcggaangaa 660
 nncttnttat tttnttttta acgncaatat tnnnnttnnn tccctctatt catnggtag 720
 gantcttatt ataattctct nttngtncc nnngagann nactattntn nntctcaant 780
 cnncttctt anncatntgt tcnnnnncnc tatttttttn ttengangga nncttnncnn 840
 ctctnnatt ntntcttaaa ttncgnntt nattcttatt tntcgcctnn canacnnncn 900
 nagagactan cttttatctt tattcntttc tcnntcatta naanncttca ttttctntt 960
 nacttcatt antngttgn gnntcttcnn ctctcttttt acnnatgtat tcttnantnt 1020
 nngnctgntt tntctacgnt ngaacntctc cnnntcccn cg 1062

<210> 1140
<211> 1049
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1049)
<223> n is a, c, g, or t

<400> 1140
ttgnanacaa tctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg 60
ggctgcagga attcgatata aagcttntcn ntaccgtnga cctgganggg gggcccgggt 120
cncaattcgn cctatagnn nncggantac agtgggaacg gcgtcacaat gatgactgga 180
cggcagggcc gagctacctt ccagttcctg cctgatgagg cccggagcct gccgccgccg 240
aaactgacgg acccgcggtt ggcccttcgta ggcttcttgg gctactgctc cggcctgatt 300
gataacgcga tccggcgag gccggtgctg ttggccggtt tgcacgcca gcttctatat 360
attacttctt ttgttttttg ttggatatta ttttttaaaa acgtcaagac tatatgtatg 420
cttgtgaggg accacgatat gttctcatat ataaagtcac catncagagg attttccctg 480
aaaaaagata agaaaaactt acggggaagn tttttgaaga aattccatcc aggggcgttg 540
aagttcttnc aaaatggttt tgccctcccg ttttaattgat acaagttaat tttctgnaat 600
tttnggtgga actggtttct tatgaacatc ttnaaagttt tatgtttnan ttttctttaa 660
ccgttttaac ccccttgntg attaaaaatt ggtcnattnt aaaaaaaaaa aaaaaaaaaa 720
aacntntnng gggggggggc ccnccnccncc cccnctnttt tcctntnttt tgggangctc 780
cnnnnatcc nctntntttt cccctnnntt ttctntact cttntntttt cttncnanc 840
ncnatnctc ttgctntnt nctnctact cttntntttt tcnccctt tttntcnntt 900
ntacctnnn nattntnnn nccnttant nnatntcnc ntgtctctnc tnttttttn 960
tnattctntc actttctcct tctatctntc atctcctca attcacnct cttttancc 1020
ttttcttttt tntntcnat tncctnct 1049

<210> 1141
<211> 987
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(987)
<223> n is a, c, g, or t

<400> 1141
ttgagnccat anggagntgc annncngtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggct gntgnggnat ntggaacann tcgntgtact gaggcngcgg ncgctgange 120
ctcanggagg gcctgaaggg accccggcag cggcccccg agtgatccag acacttccaa 180
naagggggcg ncgccacctg tgtatatnac ctctggtac cactgctaca cttancanct 240
tttttacttt tgaggctttg tnnatgtcct gaagctgcct gnnaattgtc ctttnggggc 300
tgacgtcacn tgtangggcc ntgtgagtgg gccnngggga ctgcaaggca nggccccct 360
tntgntgntn gngggctctg cttgctcatc caggcctctc ctggggggcca ccagngccg 420
cccantccaa ctgcaccac gcgcccgtcc ccatgagcga cacacacggc tcagcctttt 480
tttaatacnt gatccttttn cggccacctc gctntggagc cgngtctacc agcagnctta 540
tgccctnaac ncgcaccttt cntttntaac gctttaannt taattgtgat tnccatcttg 600
gaaaagtcct tcaataaaag annngaaaaa cccaaaaaan aanaaaaaaa aattttggng 660
gggggggnac ccgatcccc ntttggcccn tnaanggggg atntctttnt anaaantngt 720
aggnaaanaa nnttnnggnn nngctnaaaa cttttaaatn nggnnggnan ttnntanaa 780
aataataccc ncacctnttg naaaanngat ttaaattggg aanaaattgg gcaanacnt 840
tttnngncnt tngncccttc ggaaannga antgnnacnn aattttaann nttntttanc 900
ggnnnttttt nntnngangg aacctntgaa nncttntnt ttatgggttat ntttncaagn 960
gntnntagtt ttntnggnta aaaaatn 987

<210> 1142
 <211> 1007
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1007)
 <223> n is a, c, g, or t

<400> 1142
 gcctatctgg agctncaccg cngtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggaattcg gcacgaggct tgggtgataag gctccaccaa agcctgtacc caagactatt 120
 gacaaccagc gagtatatga tgaaaccata gtagatccta atgatgaaga ggttgcttat 180
 gatgaagcta cagatgaatt tgcttcttac ttcaacagac agacttctcc caagattctc 240
 atcactacat cagatagacc tcatgggaga acagtacgac tctgtgaaca gctctctaca 300
 gttataccaa attcgcatgt ttattacaga agaggactgg ctctgaaaaa aattattcca 360
 cagtgcattc caagagattt cacagacctg attgttatta atgaagatcg taaaatacca 420
 aatggattaa ttctgagtca cctgccaac ggccaactg ctactttaa aatgagcagt 480
 gttcgtttgc gtaaagaaat taagaagagg caaagacca acagaacaca taccagaaat 540
 aattttgaac aattttacaa cacgactggg tcattctatt ggacgtatgt ttgcatctct 600
 ctttcccat aatcctcagt ttattggaag gcaggttgcc acattccaca atcaacggga 660
 ttatatcttc ttcagatttc acagatacat attcaagagc gaaaagaaag tgggaattca 720
 ggaacttgga ccacgtttta ccttaaaatt aagatctctt cagaaangga acctttgatt 780
 ctaaatatgg gagaatatga atgggtccat aagccccgg ggaaatggga tccagtagaa 840
 gaaaaattca ttttatnaan ggactggaga aggatggtat taaactgggc tggaaccagg 900
 cctggagttt ttgaaaacaa gancntntca aaaatggncg gttactggat ttttttaaac 960
 cggcttttct tttctggacc aaaggngcaa ggggccttga atttnct 1007

<210> 1143
 <211> 1019
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1019)
 <223> n is a, c, g, or t

<400> 1143
 nncnatctgg agctccaccg cgggggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggaattcg gcacgaggat ggcacgtccc cagtgtgggg atgtgccgtg cttcctgaat 120
 tagtgtattg taggagttgc tgccccattc tgctcttcat tgtgagagag gttacacca 180
 cttataatca gtattttcct ggcactaaaa cagcagggtt ggtatttgct gctgctttcc 240
 cagggcaggg tcccttcttt tcggcacttt tgaacacttg caagacacag ccctgttata 300
 taacgggtgg caggcattgt tgtctgcaact cgctctttgc cactattttg ccctgtctca 360
 tgccanagag ccctgtccct gccaggccct gccttcccag cccaacttg ggaccaaagt 420
 gcaagacggg atcacagggt ggggtgtcca agtgaccctt ttctataagt gcttccgtgg 480
 gccaaagtga caccagcccc ctanccgngt gggatggncg gngcttaaag aggaagggga 540
 ccagtgtagc aaccttgcca gggacccac cccctccctt acatccggac cctgtgcagt 600
 gggccgtggc gattctccaa aaggggccaa aagcctgggc ttgctcngta ttctctgctc 660
 ccttgctctt atcnggtcnc catgcacact tctaagantg ccaaattgct tttgaacttt 720
 aaaaactggg cannnntggn ttcccntttg gaccnanttt taaaaaang ttctnaatng 780
 ggaaaaaatt ngnggggaaa aacnntnggn taaanggcnc cgggntcctt tggcttntcg 840
 ggggaaaaan acangngcct tttccggagg gaaccnctt tttcncacn ttttcngnan 900
 ggtncctaaa accctgtcca cccccctncn aaanccttn gcccnnganan tnnnncccg 960
 ggttctcnnt aaccntntnt gggcccngg gtgttttttt ntcgganaat ntctgnnnc 1019

<210> 1144
 <211> 967
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(967)
 <223> n is a, c, g, or t

<400> 1144
 gccctatntg gagctncatn ncngtggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggaattc ggcacgaggg gcagaaggtt cgcgaggagg tggttaccgt gggcaattct 120
 gttgaccagg gcctgagtca gccacagat gactcctgct tcgacccta caccgtctcc 180
 cattatgcca ttggagagga gtgggagcga ttgtctgatt ctggctttaa actctcgtgc 240
 cagtgcctaa gctttggcag tggtcatttc agatgcgatt catctaaatg gtgccatgac 300
 aatggagtga actacaagat tggagagaag tgggatcgct agggagagaa tggccagatg 360
 atganctgca cgtgtcttgg aaatggaaaa ggagaattca agtgtgatcc tnatgaggcc 420
 acgtgctatg acnatgggaa gacttaccac gtgggagAAC agtggcagaa ggaatatctt 480
 ggtgccattt gctcctgcac atgctttgga ggccancggg gctggcgctg tgacaactgc 540
 cgcanacctg gggctgaacc cggttacgaa ggctccactg nccactccta caaccagtnt 600
 ttcccagaga tncncatcan aggaacaaaa cactaatgtc anctgcccaa tntgantgct 660
 tcatgccttt gggatgtaca gggctnacng agaagaattn cccgagangt tatttttttc 720
 ncaanccan agnaaacntn gcgttggnnt tcttgccana ggtnccantc ccaaantcgg 780
 gantgggggt tnnactacc ccccttgntn aagtgggngc cctttctttn agccntttn 840
 ncttntggnn nnaanttttt ttcngttttt ttcntcaac cccncccttt tttccaagcn 900
 ntnaaanccc tgggaggngt tttttcaaga cttttttttt cattanattg gggnnccaag 960
 ntaggtn 967

<210> 1145
 <211> 982
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(982)
 <223> n is a, c, g, or t

<400> 1145
 tttnagccta tntggagctn catnnengtg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcagga attcggcacg aggctgnatt gncctannc anggctgctn cnnggatgnc 120
 attaaggtn tctgcaacat ggaaaccggt gagacctgtg tatacccnan tcancccanc 180
 gtggcccaaa aaanctggtn tntnancan anccccangg aaaanaggcn cgtttggtnc 240
 ggcaanancn tnaccggngn attccanttc aantatggng gccaggggtc caatcntgcc 300
 aatgtggcca tccagttgan tttcttgccg ctgatgtcca ccgaggcctc ccanaacatc 360
 acttaccant ngcaagaaca gtgtggctct anatggacca gcanactggn aacctcaana 420
 aggcncnct tctncaggnc tnnaangata tcgatatcng ngccgagggc aacagcctt 480
 tcatntacag tgtcanntan tangngtgca ngantcacac cggacnntgg ggcaanacag 540
 tgatnanata caaccacccn caaganctcc cttnttgcat cattatatga tgngcccccc 600
 tttgggacgt tggccccca acaccaaaga aattctgctt ccgacgttgg cccttgcctt 660
 gctttctgga aaactttctt nccacnacia ntgttggttt cttcccacn ccaanacct 720
 ttttgctnn tnantnttgg naaacaagaa caaaccccc cttgcttggc cccccccgn 780
 aacngcccaa aaggntggga aaactttttt ntcgtnggnc nttngaaaa atttttttt 840
 tttnttttgc attcnttttn ttcaaaaatt aatttttttt ttttttgacc aanttgggtcc 900
 ttgaacaaaa aaccagggg ttcnntcctt ncttaacaaa aaaaaaaaaa aaancttngg 960
 gggggggggc cccccnccc cn 982

<210> 1146
 <211> 982
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(982)
 <223> n is a, c, g, or t

<400> 1146
 ttttagccta tntggagctn catnncngtg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcagga attcggcacg aggctgnatt gncctannc anggctgctn cnnggatgnc 120
 attaaggtnt tctgcaacat ggaaaccggt gagacctgtg tatacccnan tcanccanc 180
 gtggcccaaa aaanctggtn tntnancaan anccccangg aaaaanaggcn cgtttggtnc 240
 ggcaanancn tnaccggngn attccanttc aantatggng gccaggggtc caatcntgcc 300
 aatgtggcca tccagttgan tttcttgccg ctgatgtcca ccgaggcctc ccanaacatc 360
 acttaccant ngcaagaaca gtgtggctct anatggacca gcanactggn aacctcaana 420
 aggcncnct tctncaggnc tnnaangata tcgatatcng ngccgagggc aacagcctt 480
 tcatntacag tgtcanntan tangngtgca ngantcacac cggacnntgg ggcaanacag 540
 tgatnanata caaccaccn caaganctcc cttnttgcat cattatatga tgngcccccc 600
 tttgggacgt tggcccccca acaccaaaga aattctgctt ccgacgttgg cccttgctt 660
 gctttctgga aaactttctt nccacnaca ntgttggttt ccttcccacn ccaanacct 720
 ttttgccctn tnantnttgg naaacaagaa caaaccctcc cttgcttggc cccccccgn 780
 aacngcccaa aaggntggga aaactttttt ntcgtnggnc ntttngaaaa atttttttt 840
 tttnttttgc attcnttttn ttcaaaaatt aattttttt ttttttgacc aanttggtcc 900
 ttgaacaaaa aaccagggg ttcnntcctt ncttaacaaa aaaaaaaaaa aaancttngg 960
 gggggggggc cccccnccc cn 982

<210> 1147
<211> 952
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(952)
<223> n is a, c, g, or t

<400> 1147
ttganaanag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggaa ttccggcacga ggcccntccc cccgagcgcc gctctggccg cactgcgctc 120
gccctgagct ccgggctcct gctnagccag cgccgctgtc ncctccctcc agtngccatn 180
atgatcatnt accgggacct cattagccat gacnagatgt tctccgacat ctacaanac 240
cgggaggtca cggacgggct gtgtctggag gtggagggga agatggtcag tangacagag 300
ggtaacatcn atgactcnnt cattggngga aatgcctccg ctgaangccc nganggcgaa 360
ggtaccgaan gcacannnt cncgtgtgnc antattgtcn tgaacatna cttgcangaa 420
accagcttca caaaagaagc ctacaagaag tncatnnaag attacatgaa gtcaatnaaa 480
gggaaacttg aagaacagag accagaaaga gtaaaacctt ttatgacagg ggctgcataa 540
caaatcaagc acatccttgc taatttcaaa aactatcagt tctttattgg tgaaaacntg 600
aatccanatg gcatggttgc tctgntggac taccgggagg atggtgnaac cccatatatg 660
attttcttta aggatgggtt agagatggna aaatggtaac aanagttggc agttactttg 720
gatcaaata cccgtcggca taactgactg ggtactgggt tttggttccc ccagcaccgg 780
gggttaggcg gaatgggact gntgnnaaan tngggctttt ttnttttggg tttgaacggg 840
nnaattttatt tggnggccgg nggcnttgt ttttnaaaaa ancngccnt ggangggtn 900
gccaaaaaaa aaaaccccggn ttgaaactta tttggcaaaa anaaaaaaa at 952

<210> 1148
<211> 1009
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1009)
<223> n is a, c, g, or t

<400> 1148
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gggctgcagg ntgggctcaa cctggcntct ggagtttagt ccccgcnctg ctgtgngcgn	120
agctgntgtc tgcttntagg gncgcagnga ctgctgtcgc atcgggatct tgatcgtgat	180
gggtacaaag gcgaaagtcg gcagtacaga gttgcttctc ttcacgtcga tgatcctgtg	240
ctccctggca ttgggcaggg gtgcggtgca aacctatgaa ccggtagtca gagtncctga	300
gaataaccct gccaaagctgt cctgctccta ctggggcttc tctcgcacac gtgtggagtg	360
gaagtttacc catgnggata tcagaggtct cgtttgctat aacaacaaaa tcaactgcttc	420
ctatgagaac cgagtgcctt tctcggatac tggcatnacc ttccattctg tgacccggan	480
agacacggnn atgnatacct tgtatggnet ctgatgaggg cggcaatacc tacggggagg	540
tcaccgtcca gctcatcgtg ctctgcctc catcccaagc ctacaatcaa cgtccccttc	600
tntgttacca ttggaacccc gaactgtgct gacctggtn anaaaagaaa tggccttccc	660
cccccatctg aatacaagtg ggttcaaggg attggagtta aaaaatgcct tttgggaacc	720
ccaanannca aaccgnggcc ttttnagcna aactcttttc ttacaccctt gaaacaaaa	780
aaaananggg gaagttgaat cttttgatcc ccgngtcngg ccttttgaca cttgggaana	840
attcacctg gtcaggccac annaatgggc ttttgcnttn cccccnnga aattcnaaaa	900
cncceggggc cccaatggga ntgctttngg gangctttaa ttgtttgggg gggcaatcnn	960
gggccanacc tttntttttg gaaanacntt natttttntc ngggaacct	1009

<210> 1149
 <211> 1426
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1426)
 <223> n is a, c, g, or t

<400> 1149	
tttganaaan tnnnnntggg gcnnnnnnnc naggggtann acacttatag gantgcgtgn	60
ngacanencac gggctgctat gnaatcetta acnntntac cttttctcct cattnanntc	120
tgctncctt ccttangggg nctttntna anntgacttt tannccnana cccccacnnn	180
nacatttata anacncttan nntnaccttt atnnncaetc antagntntc ancacatnnn	240
cctctcnca ctgatnctn gacncacctn actntnttn tttnn cattn cgtanaannn	300
tttattnat nnaacatca ntttaaccnn gcntctntc acgacannct nttntncacg	360
tnancacatg ntnttnntc tacanccntn natttnntc aaactnnan nagccnnna	420

nancnntgac gtnnnccacn ctantatnnc tatctntnnc anccncngtc nnatnagtnt	480
ctttacntca catganannc nntnganent nncatgtcta cnnancnctc tctncntctc	540
tcnnttcac tcnnngatn ntntntcnnc tnacncncnc nantctcana cccngntact	600
ncttanacat gactnacctc natcntnann ttgcncnnc ccttcnnaat nntntntct	660
ctnnntcttt nnnactctan cnntnacgt nctnnacctt aanattcntn tttntntacn	720
gncaagnnna ctnnncngtg atnannngnn actcnggcta natccnnnt anattctant	780
ccantnnntn cgtctanctc acgtanacnc tccgactntc nacnactata tntgntnta	840
tgancaacta ntcncatng nactatgana taacncattc nctagtacct acnantcagt	900
atcngtagcc ntcttanntn ntaanntcta cngatntgga nntcactagt antcncgten	960
ncnngattn tacaagattc nntactccn ctaacnatnn nactccaata cgtncnctaa	1020
gncnacnntn nctntccaat tactnntaat cnccntnt atctcgannc ncctntncna	1080
ncgangnaan ntccancccn tacntatnta atgannctnn tntnganttn tattagtntc	1140
attncttgta cctntacntn gagcnattat ctngcactac gncnaagtta tnnacnnct	1200
ncnnactann aantntatg ctatananct acncntatc tncncnctt cntctnncta	1260
agtannntgg anntactant atgctatnta cnnncntat ntacactcac tggatnatnt	1320
nctacttccc ntncanttta cacnctangn tctcccgaaa gnnccgccc tctaattacc	1380
annctctct ccancgnncg tnnngnancac acanaacatc tacgcn	1426

<210> 1150
 <211> 1021
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1021)
 <223> n is a, c, g, or t

<400> 1150	
gcctataggg agnngcatta caggggncgg ccgntctana actagtggat cccccgggct	60
gcaggattct gcccgtaatg actgtggtgc tgccagaggg atttttttcc ccctttcaat	120
ggttttactt aagttactgg ataagcagtt gagtttacat taaaacaatg aaatgctata	180
tcttgtctat attctgcctc ttccaaattg gatgtttttt ttttttgga aaaaattttc	240
nnttccttna naannttttn anggggggnn nggnagaaan gggntaaaaa aaaaccgncn	300

nncctttnaaa nccccngggg naccnngggg gcnnncntt nnnnggggtgc cnnaaancng	360
nnncnaatnn anggnntna cnnnacnana ccttcccntn nnnnnggaan ggnggggng	420
naccaaancn ttncnngtgg caangntnn nttaacnncn aaantntct tnattaanat	480
angnancccn ngcntanccn nngncctaa ntaaaannng gcccggtng nacntttat	540
ngaaaagnaa nggnaccccn ncttncnant tttttnnann nnttttttg ncccccccn	600
tngnggcct ntttttaacn nngggngngg ggaaancctt ttgnaaanng aggaatnct	660
tcttnaagga ttttnngatt tcnccttg nccnnanan tntagccan ttttgggna	720
aaaaactang gggcnnnng nngtaaaanc caaangggaa aaaanggcnc gnctcnggt	780
tttnnaacc ccaaaggggn aaaccggt nntgcgngg gtncctncg gaaaaaatn	840
gggttnnnc cccccnccc ctaannttt ttttanaa gttttnttt tttnggcttc	900
caaaanncna cccntgggg cnaattatcn tntaaaaaann ggnttcccc ctnaanaaaa	960
aaatannttc cccaaaacnt gcccnngngg naaaanntng ncnnancagg aaattttnac	1020
c	1021

<210> 1151
 <211> 1034
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1034)
 <223> n is a, c, g, or t

<400> 1151	
tgagcctant ggagngcat nncaggggcg gccgtctag aactagtga tccccgggc	60
tgcaggaatt cggcacnagg ntccagcgtg cctgctctc agccatggng ccctccagga	120
agttcttcgt tggggggaac tggaanatga acgggaggaa gaacaatctg ggggaactca	180
tcaacactct gaacgcggcc aaggtgccag ccgacaccga ggtggtttgc gcacccccca	240
ccgtctacat tgacttogcc cggcagaagc tagatccaa gattgccgtg gctgocana	300
actgttacia agtggccaat ggggccttta cgggggagat caaccctggc atgatcaaag	360
atcttgagc cacgtgggta ntctggggc actccgagag aaggcatgtc tttngggagt	420
cagatganct gattgggcag aaagtggccc atgcccttg canagggact ttggagtnga	480
ttgcctgcat tggggagaag ttacatgaga cggaagcttg gcatcacgga naaggtccgt	540
tttccgagca aaccaaggtc atcgcanata acnttgaagg attgnaagc aagggttgctc	600

ttnggcctat tgagccctgt gtggggccatn ggtcctggca angacgngcn acccccgtag	660
cagggccag gaangtcacn gaaaannctc ccgggggatgg nttaaagtc aacnttctnn	720
tnatgcnnng ggctnanaac cgccccatt cnttttattg gggnttctng tnancggnnn	780
caaccctgca ataggaattt tgcnaagcca ccntggatg tgggatngcc ttttcttnt	840
nggggcgggg ncttttncnt caanaccntn nntttnttg acnncnnca aatcccnaaa	900
cantaantcc ttgtntnttt ttactaccc tttntnctn anccngggc cttntnaten	960
ttnnntaacn ctttttattt tacttngccc ccggacttn caanatgtn ntcgggnngt	1020
ttcnctnacc cncn	1034

<210> 1152
 <211> 933
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(933)
 <223> n is a, c, g, or t

<400> 1152	
naaaagctgg agctccaccg cgngggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggattctg ccgtaatgaa ctgtggtgct gccagaggga ttttttccc cttttcaatg	120
gttttactta agttactgga taagcagttg agtttacatt aaaacaatga aatgctatat	180
cttggtata ttctgcctct tccaaattgg atgntttttt tttttngnaa aaaattttnn	240
nntnctnn naatntttnn nnggggncta gggannaang gggtnaaaaa aaancngccn	300
ncntttnaan nccccnggn acccngggg nctnccnnnn ntggggtnc nnaaagncgn	360
ncccaacnga aggnnctnan cnnancanac cntnccctnn cnnngnaag gntgggngn	420
ancaaacct ttcnntngc canggnngn ttaaannca aanttttctt tantaaaann	480
gnanccnng cntaacnnn gtcccnnaat aaaaaagggc ccnggtngnn ccctttantg	540
aaaagnaang gnanccnnc ntccanttt ttttnacnan tttttgggc cncnttgg	600
ggccccnttt ttnacagggg ggggtgaaaa ctttttgaaa nnnggggtnc cacntnaang	660
gattttnggt tttttcccc ttgccccaaa anntnttcc nnattnggga aaaantaagg	720
ggntntttgn gngcnaacct annggggaaa aaagggggcc cccnggngt ttttttacc	780
ccnaanggg ggaaaaccn cnttnttng ggggggtnc cncngcnna aaattttgng	840

ttttntnccc ccccccccn aaangttttt ttttaaaan nntnttttt ttggnctccn	900
aaaaactacc ccccnngggg nntnatnttt ttn	933

<210> 1153
 <211> 955
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(955)
 <223> n is a, c, g, or t

<400> 1153	
ttnagnntat ctggagctcc ancncngtgg cggccgctct agaactagtg gatcccccg	60
gctgcaggan ttcggcacga ggcttcagcg tgcttgcctc tcagccatgg cgccctccag	120
gaagttcttc gttgggggga actggaanat gaacgggagg aanaacaatc tgggggaact	180
catcancact ntgaacncgg ccaaggtgcc agccnacnc naggnnggtn gccncccc	240
caccgcntac nttgacttcg cccggcaaaa nctaaatccc aaaatngccg nggntgccca	300
aaantgttnc aaannggcca nnggggcctt tacggggaaa atcaccttg gcntgatcaa	360
agatcttgga gccactgtgg gtagtctctg ggcactccga ganaangcat gtntttggg	420
agncananga nctgattgcg caaaaagtgg ccnatgcnct gacagaggca ctnggagnga	480
tngcctgcat tggngaaaat ttatntgagn gggantctgg natcacggaa agggtttttt	540
ngacanacca gggatatcat atnacgtgaa ttattggaac anggttnttt tgccatgac	600
cctgtgtggn ccattggtct ggnaagaacg gcaccccgca agggccnaag gaagtnca	660
aaaagcttcg ggggatggct taaccaccac cttttntgat gcgggggata aaaaccccc	720
atattttat gggggttttt ggggacggng gccaccctt ggaagggagc ttggcccncc	780
cncccggggg gggngtggtc tttntttggg gggnggggtg cttcccttc aaagccttgn	840
ntttggntnn ncttcatnn nnnggccaa aaaantnnng ccctggtttt ttttttaact	900
ancctttcct ggnnnanncc naggggnntt ngnttnttt aaanaaacn ttntt	955

<210> 1154
 <211> 955
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(955)
 <223> n is a, c, g, or t

<400> 1154
 ttagnntat ctggagctcc ancncngtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggan ttcggcacga ggcttcagcg tgcctgctcc tcagccatgg cgccctccag 120
 gaagttcttc gttgggggga actggaanat gaacgggagg aanaacaatc tgggggaact 180
 catcancact ntgaacnccg ccaaggtgcc agccnacncc naggnggtn gccncccc 240
 caccgcntac nttgacttcg cccggcaaaa nctaaatccc aaaatngccg nggntgccca 300
 aaantgttnc aaannggccca nnggggcctt tacggggaaa atcacccttg gcntgatcaa 360
 agatcttga gccactgtgg gtagtcctgg ggcactccga ganaangcat gtntttgggg 420
 agncananga nctgattgcy caaaaagtgg ccnatgcnc tgcagaggca ctnggagnga 480
 tngcctgcat tggngaaaat ttatntgagn gggantctgg natcacggaa agggtttttt 540
 ngacanacca gggatatcat atnacgtgaa ttattggaac anggttnttt tgcctatgac 600
 cctgtgtggn ccattggtct ggnaagaacg gcaccccgca agggccnaag gaagtnca 660
 aaaagcttcg ggggatggct taaccaccac cttttntgat gcgggggata aaaaccccc 720
 atttatttat gggggttttt ggggacggng gccaccctt ggaaggaggc ttggcccncc 780
 cncocggggg ggggntggtc ttttnttggg gggnggggtg ccttccttc aaagccttgn 840
 ntttggnntn ncttcatnn nnnngcccaa aaaantnnng ccctggtttt ttttttaact 900
 ancctttcct ggnnnanncc naggggnntt ngnttnnttt aaanaaacn ttntt 955

<210> 1155
 <211> 986
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(986)
 <223> n is a, c, g, or t

<400> 1155
 ttananaant ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60

gctgcaggaa ttccggcacga gggccgagaa ggcaacatgg gtcaccagca gctctactgg	120
agccatccga gaaaattcgg ccagggttct cgctcttgcc gggctctgctc caaccggcac	180
ggctctgatcc ggaaatacgg cctcaatatg tgccgccagt gtttccgcca gtatgcgaag	240
gacatcggct tcattaagtt ggactaacca aacttcctta gatggctcat ccagcacatc	300
aaccttaggc ggaaacaata ctagctcttt gtatataaaa taaaagtttt caaaacttca	360
aaaaaaaaaa aaaaaaaaaa aaacncnngg ggggggggnc cggggcccna nttcccntnn	420
ngggggggnt naaanaaann nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960
nnnnnnnnnn nnnnnnnnnn nnnncn	986

<210> 1156
 <211> 993
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(993)
 <223> n is a, c, g, or t

<400> 1156	
aacaaanctg gagctccccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggaattcg gcacgagggc cgagaaggca acatgggtca ccagcagctc tactggagcc	120
atccagaaaa attcggccag ggttctcgct cttgccgggt ctgctccaac cggcacggtc	180
tgatccggaa atacggcctc aatatgtgcc gccagtgttt ccgccagtat gcgaaggaca	240
toggcttcat taagttggac taaccaaact tccttagatg gctcatccag cacatcaacc	300
ttaggcggaa acaatactag ctctttgtat ataaaataaa agttttcaaa acttcaaaaa	360
aaaaaaaaaa aaaaaaaaaa nccntggggg ggggncnngg cccccanttc cccntnnngg	420

ggggnggna aaaaannnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnc	993

<210> 1157
 <211> 969
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(969)
 <223> n is a, c, g, or t

<400> 1157	
tnnanaaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg	60
gctgcaggng nnaaggntga gnnncnnat nctnangana aacaacctga anccnagaag	120
gctgntgctg gcaanaangc taaaaagggtg nacanggtag aagcaatgtt aagaagggga	180
agccnactg cagccgaaat cctgtcctgg tcacaggaat tggcanatat tcccgatcaa	240
ccatgtactc cagannggcc ttgnacaaca taangtattc ancnnctaaa tccnggggtca	300
aaaagaaaan gaangttcgn gttcttgcta ctgtcacaaa nccanttga ggngacnna	360
atggnggtac cccactggtc aaacttcgna naangcctag gtattaccct actnannatg	420
tgcctcgaaa actgttgagt catggcnaaa aaccntncat taagcatgtg aggaatctgc	480
gtgccagcat cactcctggn accatnctga nctccttac tgggcgcnan atangcaaga	540
gggtcgtntt cctgaaccgg ctgngcagtg gcttgctact ngcgactggg cctctatccc	600
ttaatanaag ttctctgcg tagaacacac canannttg gcattgccac ctccccaan	660
atcgatntca gngntgtnaa aaatcccaga acatttcact tgacccttac tttaaanaaa	720

aaaaaacctg cgntgnaccc cnaanaccgg ggagggcgna aatcttggnc cccgaggaga	780
ganattttcc acnttccccg ncccccncc anggggggat cncaaaaagc tgggganccc	840
aanaaanttt tgcnaaaaa ncnaaaggtg gcccttnnct ttcanggggt taccttcggg	900
tnccggtttt ggctttccna aaaanggant ttntnccncc ccnaaaaaat ttggttttna	960
aaacttttt	969

<210> 1158
 <211> 964
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(964)
 <223> n is a, c, g, or t

<400> 1158	
ttganacnat ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg	60
gctgcaggaa ttcnngncca ggctccnnt nctttgntgn nnnaaccngn nncnngnnc	120
gcngnngctg nagnantgc tagaacagcg gggaaagnga tntttctnt nagccagang	180
gtgctgtggn cctcctatga tctgtgnaga ggactangcg tataatntcta nattacacat	240
gtggnctaaa gatgccttta ctnnnacatc cttttntggg ctactccac cnnccactgc	300
gataacctan ttccagccgn accacacngn ctnaagcgna ccatgatngn gacgtnaccn	360
ntggcaccn tgngntnaaa nncagaaaan ggcnnnggca ttactnnntt gaagaaggcc	420
ncccaanann gctnaaccat nacacnaac nnttcnatac cnnntntcg natctgtatg	480
anccaatgan tgctgggncc atgntagctn tgnngnctgg gcgcaggna tgccagagga	540
ntgttttccn ggcacctta cctcctgnc tacttntnn tngcccatct ntcccttnaa	600
nctngccctc tgcgttgaac cgcataaaaa anttnccaat ttgttgcaat ncccttantt	660
ttanttcagn natgtttttg attnccctag ctttcagAAC tggacccttt ntttaaaaaa	720
aagnaactaa gntngngata gttnntttg nccccagggn gggggaaaaa atntttcttn	780
tttcnngggg ttaaaaatnt tccccttgga accccttttt tcaaaggga aangattttt	840
aancnaancc ttgtttggca anaanaaaaa aangggcnaa aaaaaaaaaa naggagtnc	900
ctncattttc cggggtttta acataaaacc cccgtgnttt gnttttttaa aaaaaaaaaa	960
aant	964

<210> 1159
 <211> 999
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(999)
 <223> n is a, c, g, or t

<400> 1159
 gcctatangg agnngnatna cagtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 cagggagaaa gagctcgggg agtcggagcg ctcgagagttt gccacttatc ggtcatcctt 120
 ggtgtccgca gcactctctc cctctctcta gggcggcgac ctccggcggc cggaaagtca 180
 ccatgtccat cctgaaggtc cacgccagag agatctttga ctctcgtggg aatcccaccg 240
 ttgaggttga tctcttcacc gcgaaaggtc tcttcagagc tgctgtgccc agtggcgctt 300
 caactggaat ctatgaggcc ctggagctcc gggacaatga taagacgcgc tacatgggga 360
 aaggtgtctc aaaggctgtt gagcacatca ataaaactat tgcgcctgcc ctggttagca 420
 agaagctgaa cgtcgtggag caggagaaga tcgacaagct gatgatagag atggatggca 480
 cagaaaataa gtccaagttt ggtgcgaacg ccatacctggg cgtgtccctg gctgtctgca 540
 aggctggtgc tgtggagaag ggggtgcccc tctaccgcca catcgccgac ttggctggca 600
 atgctgaggt catcctgcca gttccggctt tcaatgtcat caacggtggc tctcatgctg 660
 gcaacaagct ggccatgcag gagtttatga tccttnctgt tggggccgaa aacttccggg 720
 aggccatgcg catcgagca gaggtttacc acaacctgaa gaatgtcatc aaggaagaaa 780
 tatgggaagg atgccccaac cgtggganat gaaggccggc tttgncccca acatcctgga 840
 aaacaaaaaa agcccctgga gcttgctgaa naanggcctt nggcaanggn tggctaccag 900
 ngaacaaggt cntnatnng catggaccta acttgccctt gaaattctac agggtcgggc 960
 aagtatgaac ctnggacttt aantccccca tgaaccctt 999

<210> 1160
<211> 1007
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1007)
<223> n is a, c, g, or t

<400> 1160
ancnnnatct ggagctccac cgcggtggcg gccgctctag aactagtgga tccccgggc 60
tgcaggnttt tttcncann agcncagact ttatttaaga agtccttgag atacaaaaga 120
ngactagggc taggtctaca gatnacagaa gcttaacccc tgagtgtag aagcactnta 180
cgggtaaaag cnggtgggag cagaggacac aanggtggnt ggctngntat ttactggctt 240
tanaaagcag agagcccaga tcccagctag aacatcccag tactggntat agattcttta 300
caaaggtgtg ataccctcct catgagctct tcttgaatgg atacttcttc cgaaaaatna 360
tcattgacnt ccaacacgag cactggaatg ttcagcagac ctacagagtgg agcggggntg 420
tcttgtggac aagccaggct tngngtngac catgaagctg ntncagatag gccagctcaa 480
cttntntctc ctctngccgg acctccgnt gtantctctt taancaaacc aatgttgctt 540
tccaccgaga gncttcgggg gaccacgcc cgcgtgtaaa ccncctggaa agggggcaca 600
ccctcnanta aagcgctgaa ccatgaacct tcgaaggtgc gcacagcaac cctaanatag 660
aggccggnca tggggcctnc taccacagaa ttcacgcng gggtgacttt ccgtcgaaaa 720
cactttncgg nccccgaaa ntttggnta aacccttcg gggggggggc ccggncccc 780
aattnnccc tttagngg agnnnnnnnn aaaannnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 960
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnc 1007

<210> 1161
 <211> 956
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(956)
 <223> n is a, c, g, or t

<400> 1161
 gccctatctg gagctncanc ncngtggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggaattc ggcacgagga atccctgggc aggggaacta agaccccacc ccgcaagccg 120
 cgtggcaggg ccaaaaacaa caaaaagag ttggtggtaa gggcgtgtgt caggttgtta 180
 gtgggctgcc aaggcagtac tcgctgaacc aacaaatccc actgcttttt cctcctgtaa 240
 tctttctttt taaaacttta atcagagaga atttacatac ctacaattca ccaattttaa 300
 ttataacaatc ccgtgtaaag ttcacaaggn tgggtgtgatc ttanaatact ttttcatcac 360
 cccagacaga aaccttgtgc ccattancag acactctcca catcccccca acccctntag 420
 cttttggcaa ctgntaatca cttcctgcct ctgtggatct gctttggaga tttcatataa 480
 atggaatcat agaacatgcg acctttttgt ggctggcttc ttcttcatt cagcatagtg 540
 tctccaagat aaacctcaa gataagctca aatcagcact taatccctcc ttatggccaa 600
 gtcgttttcc actgtgtgag tgtgctacat ccaactcgttc ttcattccatc agtttagcatt 660
 tgggttgtnt ccactttctt ggggtcttatg aataggggtn attaccattc agccacaatt 720
 ttttgtatag gnggttatat ttttcaagnt cctcttgggg tatacatacc ctaggnagng 780
 gagaattngc ccggnntnta taaagnocag nggttttaaac tnttccangg gangctggcc 840
 caaaacaact tttttccann tgggcaagtg gccggttttn ncattcccc caccaanngg 900
 ngggggtggg gggttttaag ttttttttcc gnnacncctt tancctngtn cctttt 956

<210> 1162
 <211> 919
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(919)
 <223> n is a, c, g, or t

<400> 1162
 aaanctggag ctccccgcgg tggcggccgc tctagaacta gtggatcccc cgggctgcag 60

gtttttttcc caaaagcaca gactttat	120
gggctaggtc tacanatanc aaaanctnan	180
aancaggngg nancaaagna caaaangggg	240
nnaaaaaancc caaatccnan ntaaaccntc	300
ttcccntcct canagacctc ttctgtgtgt	360
ccaacacaga gctgtggatg tgtncaccag	420
cacannccnn nnttngtgna nactnannann	480
cntcttntgc ggnccctgc tgtgtctctt	540
acctttgggc ccccccccc cgctgtaca	600
cngcngcacc atgaacttag ggggggcgcg	660
cnttcccnnc caanattncc gcgangaatt	720
tgctggngaa anaacnctgc gggggggccc	780
nnnaaaaann nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnn	919

<210> 1163
 <211> 919
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(919)
 <223> n is a, c, g, or t

<400> 1163 aaanctggag ctccccgcgg tggcggccgc	60
gtttttttcc caaaagcaca gactttat	120
gggctaggtc tacanatanc aaaanctnan	180
aancaggngg nancaaagna caaaangggg	240
nnaaaaaancc caaatccnan ntaaaccntc	300
ttcccntcct canagacctc ttctgtgtgt	360
ccaacacaga gctgtggatg tgtncaccag	420
cacannccnn nnttngtgna nactnannann	480

cntcttntgc ggnccctgc tgtgtctctt tttacacacc ccagtgttct tttcggagaa	540
acctttgggc ccccccccc cgcgtgtaca cccgtggng ggggcacacc ctagaatnag	600
cngcngcacc atgaacttag ggggggcgcg caaccctta aaaaagnggc cgncaggggt	660
cnttcccnnc caanattncc gcgangaatt ctttcgnna agagctcttn cccccntna	720
tgctgngaa anaacnctgc gggggggccc cccccacn nnnncnctt ttanggggnn	780
nnnaaaaann nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnn	919

<210> 1164
 <211> 979
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(979)
 <223> n is a, c, g, or t

<400> 1164	
tnnnnaaaag ctggagctcc accgcggtgg cggccgctct agaactagt gatccccgg	60
gctgcaggaa ttcggcacga gggataacta cccccagcc aatccactca acacaccccc	120
tcacatcaaa ccgagtgat acttcttatt tgcatacgca atcttacgat caatcccaa	180
caaactagga ggagtactag ccctagcctt ctctatccta attcttgctc taatccccct	240
actacacacc tccaaacaac gaagcataat attccgacca ctgagccaat gcctattctg	300
agccctagta gcagacctac tgacactcac atgaattgga ggacaaccag tcgaacaccc	360
atatatcacc atcggacaac tagcatctgt cctatacttt ctccatcc tagtgcta	420
accaacggcc ggcacaatcg aaaacaaatt actaaaatga agacaggtct ttgtagtaca	480
tctaataac tgggcttgta aaccagagaa ggagaacaac taaccttcct aagactcaag	540
gaagaaactg naagtctcac catcaacccc caagggtgaa gttctatctt aactanttc	600
ctggaaccct atttaataa gttccataaa tncaaagagg ccttatcagg tatttaaatt	660
tatcaaaaat nccaataacc tcaacacaaa aatttgccnc cctaaccxaa atnttaca	720
cnccccctta gcttaacatt aaccgcgcc nttccccgga cccaggaat gganttnct	780
acgccagggg gnaatgggcc ataaccatta atgggaatna aggaccttaa tatgngtttt	840

agnncntta aaattntttg gccccctggc ctattaagcc aggtnccttg gacctttttt 900
agccgggnccc taaatacctt ttaaattntt gggccggggc nttagnnccc ttntgggcna 960
aatnatntt nttggaaag 979

<210> 1165
<211> 947
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(947)
<223> n is a, c, g, or t

<400> 1165
annanctgga gctccaccgc ggtggcgggc gctctagaac tagtggatcc cccgggctgc 60
aggaattcgg cagcaggctc ttgntgggca gccttggtt ctgtcatcgt cgtgcctccg 120
ccgctgtcgc ccccgcaagg ctttgccgtc gccggagcca cctccagcga ctcgctgcac 180
ccgattctct ccgcttcgct tcccgcacaac cgcaaccatt gacgccatgt cgggttattc 240
gagtgaccga gaccgtggcc gggatcgagg gtttggtgct cctcgatttg gaggtagtag 300
ggcagggccc ttatctggaa agaagtttgg aaatcctgga gagaaactgg ttaaaaagaa 360
gtggaatctt gatgagctgc ctaagtttga gaagaatttt tatcaagaac accccgattt 420
ggctaggcgt acagcacang aggtagagac atacagaaga agcaaggaaa ttacagttag 480
aggtcataat tgcccgaagc cagtcctgaa tttttatgag gcaaacttcc ctgcaaattg 540
catggacgtg attgcaaggc aaaacttcac tgaccacag ctattcaaag ctcaaggatg 600
gccagttgct ctaagtggga ttggatatgg gtggggtagc acaaactgga tctgggaaaa 660
actttgctta tttgctggct ggcattggnc ccattcaatc atnaancnt tcctaaaaaa 720
aaaggggatg ggnccatatt gcttgngct ggcncctaac tcgggaactg ggcccaacaa 780
ggtccagcna gggacttgnt gaatacttgg aaaaacattg tcnctttgga aatcnacntt 840
gcantttttg ggnggggctt nccaanggga ccnccaaatc ctggatttgg gaaaaaaggn 900
gggggaaatn ttnttttga acnncctggg aanaactggt ttaantt 947

<210> 1166
 <211> 975
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(975)
 <223> n is a, c, g, or t

<400> 1166
 tnnancacaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcaggg aaaaacacac ctgaaatctt tttggaaaca gaaattcatt ttaaatagat 120
 ggcacagagg tagtctaattg tcatgggaaa tgagaaaaaa atatatacac attaaaaagc 180
 cttctgtctt tttgcctttt atattgttaa tgcattttga tttaatattc aaatagcact 240
 ggggtgcagca gtgacaaagc aaaaatcaac taaaagactt agattctatt gagataggca 300
 ggctcatcct aattctcaaa tacttactta tatgatagta atattctatg ctacaactat 360
 aaagaaaata ctactaggac accctccact ttcttgaacg tatcagagtt tagacagaag 420
 taagagataa acatctatctt ctgctttatt gactacgcca aagcctttga ctatgtggat 480
 cacaataaac tgtggaaaat tctgaaagag atggcaatac cagaccacct gatctgcctc 540
 ttgagaaatc tgtatgcagg tcaggaagca acagttagaa ctggacatgg aacaacagac 600
 tggttccaaa tagaaaaagg agtccgtcaa ggctgtatat tgnccacctg gttattttta 660
 cttatatgcn gaataccttc attgagaaac actggactgg aagaaacncc aagctggaat 720
 caagaatggc cgggaggaaa tatcaattaa cctcagaat atgcnggatg acaccnccc 780
 ttttgggcag aaaggggaag aaggatctta aaaaggcctn tttgatgaaa ggtgnaaana 840
 agggaagtgg aaaaaagtgt ggcttttaag cttcacngg nttgnaaaac cgaaaaatca 900
 ttggncttnc ccttcncttt nntngggnaa aaaaaaangg gggnaaaaag ngggnaaaca 960
 nggttcnnaa ntttt 975

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<210> 1167
<211> 945
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(945)
<223> n is a, c, g, or t

<400> 1167
ancannnctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct      60
gcaggaattc ggcacgaggg tttttttttt ttttttttaa attaaanagt tnattangat      120
tnanaagnct natttaaaaa acntcagccc ntnaanccnt gtaaaaaana gtntncaaaa      180
ngtnngnaaa anaaancntn cttnaancnt gttnaagnaa aaaanttntn nnaaattnng      240
natttnnagc cnnttnnttn ttngcnttat nanncanggg canccaaana ancntnannt      300
tnngnggggg aaaccncncn aaanccggtt tngtngnaaa tcccancttn natntnatnt      360
tnngcnatcg ncnnttaaaa gntttcnttt agggtaaana nggnngnana aagggcnttt      420
taaagtccca aatnttnntt ntnttttttn nnangnaang tntnccnntn nnnanagttt      480
ttncnntng gnggggnttt ccnggcaaag aaancnccaa anggntntgn cngaaaaaaa      540
tanggccgcc cgnncnatg ttntntnggg cgggcgtcnt tggcctttng gggnggaccg      600
ngccccccga aanggatcca agttcnaaaa atgggaactt tgnaaaaaat taccgccgcn      660
actaaantca atcaaaaccc tccccaaaaa ttccccnntn ttttaaaaaa nggnnncccc      720
cnnnnaaaan nccccccgcn cctgganaan anaacctnaa ancccccccc canatgtttt      780
ggggaggggg ggccccttgg ctttttttta naaaaaagggn gttaaatttt aaaaaccccc      840
cggaaaaaan aaaaaaaaaa cccccccctt ctnnnggggg ggggccnccc aaccannngg      900
ggcctttngg gggggccttt tnnccncncc cngggggggg gaaaa                      945

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<210> 1168
<211> 945
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(945)
<223> n is a, c, g, or t

<400> 1168
ancannnctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct      60

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gcaggaattc ggcacgaggg tttttttttt ttttttttaa attaaanagt tnattangat	120
tnanaagnct nattttaaaaa acntcagccc ntnaanccnt gtaaaaaanaa gtntncaaaa	180
ngtnngnaaa anaaancntn cttnaancnt gttnaagnaa aaaantntn nnaaattng	240
natttnnagc cnnttnntn ttngcnttat nanncanggg canccaaana ancntnannt	300
tnngnggggg aaaccnccn aaanccggtt tngtngnaaa tcccancttn natntnatnt	360
tnngcnatcg nccnttaaaa gntttcnttt agggtaaana nggnngnana aagggcnttt	420
taaagtccca aatnttnntt ntnttttttn nnangnaang tntnccnntn nnnanagttt	480
ttnccnntng gnggggnttt ccnggcaaag aaancncaa anggntntgn cngaaaaaaa	540
tanggccgcc cgnncnatg ttntntnggg cgggcgtcnt tggccttng gggnggaccg	600
ngcccccgga aanggatcca agttcnaaaa atgggaactt tgnaaaaaat taccgccgn	660
actaaantca atcaaaaccc tccccaaaaa tccccnntn ttttaaaaaa nggnnncccc	720
cnncaaaan nccccccgn cctgganaan anaacctnaa ancccccccc canatgtttt	780
ggggaggggg ggccccttg ctttttttta naaaaaaggn gttaaatttt aaaaaccccc	840
cggaaaaaan aaaaaaaaaa cccccccctt ctnnnggggg ggggccnccc aaccanngg	900
ggccttngg gggggccttt tnnccnccc cngggggggg gaaaa	945

<210> 1169
 <211> 1005
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1005)
 <223> n is a, c, g, or t

<400> 1169	
ncannanctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggt	60
gcagggcttt taaacctgc gtggcaatcc ctgacgcacc gccgtgatgc ccagggaaga	120
cagggcgacc tggaagtcca actacttcct taagatcatc caacttctgg atgattatcc	180
aaaatgcttc attgtgggag cagacaacgt gggctccaag cagatgcagc agatccgcac	240
gtccctccgc gggaaggctg tgggtgctgat gggcaagaac acgatgatgc gcaaggccat	300
ccgagggcat ctggaaaaca acccggtctt ggagaaactg ttgcctcaca tccgggggaa	360
tgtgggcttc gtgttcacca aggaggacct cactgagatc agggacatgc tgctggccaa	420
caaggtgcca gctgccgcc gtgctggtgc catagcgccg tgtgaagtca ctgtgccagc	480

acagaacact ggtctggggc ccgagaagac ctcttcttc caggctttag gcatcaccac 540
 gaagatctcc aggggcacaa ttgaaatcct gagtgatgtg cagctgatta agacaggaga 600
 caaagtaggc gccagcgaag ccacgctgct gaacatgctg aacatctccc ctttctcctt 660
 cgggctggtc atccagcagg tgtttgacaa tggcagcatc tacaaccctt gaagtgcttg 720
 acatcacaga aggaaacttt tgcattcccg ctttctggtg ggctgcccgc aatgttggtc 780
 agcgtgtgcc ttgcanattg gttacccaac ccgtngcatt tgtaccccca ttctatcatt 840
 natgggtacc aaagcgcgtn ctnggctttt gtctgnggan aatgattaca cccttncac 900
 nttgttgnaa aggncaangg ccttnttngc tggatccatt ttgccttttg gggttggtgg 960
 ccctggngnt tgttgncccc ngttgttgcc cttgtggcca ccct 1005

<210> 1170
 <211> 1025
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1025)
 <223> n is a, c, g, or t

<400> 1170
 ncannnctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggaanttc ggcacgaggg ccacgcgagc gcgtctccca ggagcagttc acagcgtcca 120
 tgtccacact gttgaaagga actgccgagg agaagagtct cgtgatcctg aacatgattt 180
 ctgcctcagg aggtcccgtg aaagcaagag atgtccacaa gtttacagag gacttggttg 240
 gctctgtggt gcacgtgcta agctacagac ggcagctgct agctggagtc anaaagccac 300
 cccaggtctc cccatccagg gtgcaggtgc tggctgcccc gcttgtgctc cgaagatgaa 360
 ggcttaaggt gggcgggaaa gctttctggg acctcagtgg ttggaccgct acttgtgacc 420
 aggcccgtgc tcgaggactg ggggtgttcg gggctacca cgtgccacgt ttctgagcct 480
 gggtcattcc accagggctt cctcctcttg cgctcgtccc tcaagctgcc accctggtcc 540
 cccgagcgcc aggtggaccc gcagcgggga gttcgccagc gtctggacgt ncttgtccgt 600
 catctacgta actcgacact tgcccaagaa ccgggggctn aacttgcgcc ctacttcttc 660
 gccaccgaac ttccacggga acaagctttt gccaaactnt gcggggcgcca ttcgcacacg 720
 gggggccctt gcctggtgct tgntcgaagg acangnnacc ggccacgttg ttcggaaggt 780

ttcnccttcc ttgcttctn ggaaagtcaa ncccttaant ttttaaangg ggaacnanna	840
ggggcttttc ttgtttttcg gttttccccc gnnatnggcg ttttcacctt nggnggggnt	900
ttnaaanaaa cacttanttt tnccttanaa aanggggnan nnaaantttc ccaaanggtt	960
ttggggattn ngaagaaaac cncngtttct ttttggnntn ggggnacnnn nntnatttn	1020
gggaa	1025

<210> 1171
 <211> 948
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(948)
 <223> n is a, c, g, or t

<400> 1171	
naaaantctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggcttaaa cgaatacatt aacggtgcta aacacagaca ttttaacca agtcacgaca	120
ttcttagctg taactcagct ctcacggcct cttgctcacc catgaatggc cccgttttcc	180
tcttgccgcy tgcacctcca cccattgtct tgggtggcaca tgggtggaac acttgatctg	240
ctcgagtctg ctttcaacac acattgcac ttcagatttt ctacttttct gntcaaaact	300
aatattcacc aagtcagact ttgngttaat tttatatcag ggtattggct gccagggggt	360
catccctaag tggcctgaag atggacaaag ggaagtaaca ggcacgtgat gttggcaagg	420
atgcttctag ggctanagga tcagtgggtg gananagctg canaatccac canccagaac	480
tgcagataac gaatcttatg gncaggggct gtgactgana gaaggaaact gagngtgtgt	540
tctgaaagta cataaactct cacatatacc cagttcttna ccatctcccc tctnacttt	600
gcagtgccat ttctttttgc attaggcaat ttgctcagac tttccagagc catggcccca	660
tccgtttctct ggaatccccc acaccctctg agangtggat caccacgtcc tgcaggggnt	720
gntcccctcc aaactacctt ttangaagat gcacggacaa gggaggctgt tttcanaccc	780
nncaaaagac cnnaaattcn agaagcgagg agccncaacg tgggtaaaaa canaaaaaaa	840
ngggcagggg ggngaaaatn gggttttctt tttgggggnt ttnggtgtt tctttttttt	900
cncnccttg ggatnggctg gtncccaaaa aaaatntttt taagtenc	948

<210> 1172
 <211> 920
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(920)
 <223> n is a, c, g, or t

<400> 1172
 ngcctactgg agctncaccg cngtgggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggngcnan acaagttggt aaagatagag tttttaatac cccactgtgt gaacaaggaa 120
 tcgtnggatt nggaatngga atcgagtcn ccggggctnc ngccntanca aaaatncagt 180
 tngcaaana tatttncnt gntttngatc aaatggtaaa ngaaccngcc angntcgt 240
 nccggncngg gnaccttttt aatngggnaa ncctaaccat ccggccccct nggggctgng 300
 tnggccacgg ggctctctat cattcccaga gtctgannc tttctttgcc cactgccag 360
 gaatcagggn ggggtgcnccc aaangcctt tccnggccag ggnacttntt ttatnnngca 420
 tagangataa aancntttgt atattttng ancctaatan ncttnacngg gcancagngg 480
 ngcnngtncn tgtagancca tacaanacc ctntttcna atctgaagtc atccaagagg 540
 ggagtgatgn tctctaggcg ccnggggcac tnangttcat gtgntccgag aggcggctgn 600
 catggntcaa naaaatcgtg ggggtgtctt ggangtcntt tgntctgacg actntaccac 660
 cgnggganga gcaacaggca nnangngtgt nannanaacn nggacgactg gtaataantn 720
 aggagcttnc tttggacggc ggtttttcct ntaaaaacn cccaccgntg aagnaagaat 780
 tgttentcaa cctggnaac ctncttaaag ggggggnggg ggggnanaaa accnccntt 840
 cnttttttn ttingaccgt ttcntccca aaacngnngg gaatnnnttt nccnccctna 900
 aaaaaaanga nnnntttnc 920

<210> 1173
 <211> 920
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(920)
 <223> n is a, c, g, or t

<400> 1173
 ngcctactgg agctncaccg cngtgggcggc cgctctagaa ctagtggatc ccccgggctg 60

caggngcnan acaagttggt aaagatagag tttttaatac cccactgtgt gaacaaggaa	120
tcgtnnggatt nggaatngga atcgagtcn ccggggctnc ngccntanca aaaatncagt	180
tngcaaana tatttncnt gnttngatc aaatggtaa ngaaccngcc angnntcgt	240
nccggnccg gnaccttttt aatngggnaa ncctaaccat ccggccccct nggggctgng	300
tnggccacgg ggctctctat cattcccaga gtcctgannc tttctttgcc cactgccag	360
gaatcagggn gggcgcccc aaangccntt tccnggccag ggnacttntt ttatnnngca	420
tagangataa aanctnttgt atattttng ancctaatan ncttnacngg gcancagngg	480
ngcnngtncn tgtagancca tacaanatcc ctntttcnca atctgaagtc atccaagagg	540
ggagtgatgn tctctaggcg ccnggggcac tnggttcat gtgntccgag aggcggctgn	600
catggntcaa naaaatcgtg ggggtgtcttg ggangtcntt tgntctgacg actntaccac	660
cgnggganga gcaacaggca nnanggtgt nannanaacn nggacgactg gtaataantn	720
aggagcttnc tttggacggc ggtttttcct ntaaaaaccn cccaccgntg aagnaagaat	780
tgttcntcaa ccctggnaac ctncctaaag ggggggnggg ggggnanaaa accnccntt	840
ccnttttttn ttngaccgnt ttcntccca aaacngnngg gaatnnnttt nccnccctna	900
aaaaaaanga nnnntttnc	920

<210> 1174
 <211> 1079
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1079)
 <223> n is a, c, g, or t

<400> 1174	
ttgganaccn tctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcagga attcggcacg aggacttttn gctcccaacn nattccnctn natnctnggg	120
nttctatnct atgcaagaga taccttenta nttgnatact caatcntacn atnaatnct	180
anccactat gannantnnt aannctancn ttctntatnt nttantatng ctntnaagcc	240
nttnaaatac ncaccttagg gnttcatacg gaaacatna nttnaccctt cactcancn	300
ngggcgcta atnntgatn ccactaagnt tgcaacattn caccgcgacg tcacattnaa	360
ntnnnnnga cnnacntnt acgtanacc cctntaatac gncggnttng ncanaagnaa	420
aaanannngg tntngtntg taanngcct aatacnann tnttctttn nttnngtttt	480

ccnancctg nntntcatn aanacnnaat tagggnggcc ancggccctt aatgggtnc 540
 nttaattan ntnntatnc gtnnnncccn tatgaaaagc gagntttaac antnncgntn 600
 nccanaaaac ctctctgnan nnntaantgc ttaattncnn tttccanccc tnncnntnt 660
 tgaaanatnn tntcccnata tnanntaccc tngcccaactt ttttantttt tgtttnnant 720
 ncnactcgnn ngnggccttn cntaanatnt nacntttttt cgcgntnngn cctntntccn 780
 anacnttnac ttngngnnct tngnnancnc cntntntctc ccacntctt cntnnttttc 840
 cnttcccgnn nggncatanc nccnnaacca nngnnttnaa ntcccnegnc cccangnggc 900
 ttttatncnt nanaattnan ngnnnctcgg cccccaanta antcntntc naccttnnnn 960
 tttttatccc ccnggtata cnnnnannnc ntntactct ttncnttng catttacng 1020
 ttgtcatttc tgctggggca annctnccct tanttcnna anntnctttn ttncatncc 1079

<210> 1175
 <211> 937
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(937)
 <223> n is a, c, g, or t

<400> 1175
 naaaagctgg agctccccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60
 aggattgant gcngnntgaa tnnagcggnn aacangctcg gggccannnt ngcgantaag 120
 aactgnnnnc gnatacanga gngnnttttt ttnaaactan nncacngntt gntggntnac 180
 tggtcgnna caanatatcc nacccttnaa cncctgtccg anctantcgn anttnaangg 240
 atggnnanng gcaannnccc ctngngnann gactntctc taggngcang ggtacagggg 300
 tncntttcnn acncctcngc cncntaanct gnnnncangc nantgaccnc agcnggacac 360
 agggtncatn tcttggaag ntcnnaacng gttacatcnc acttgatgnt gacntcnaag 420
 acttttcctt aggaagaacc aatggggcac ncttttacnt ggagntgcaa tccngggatc 480
 cgcanncann gtttgacaag gtaattaatg ctctgantga acgggnctnc ttcatgataa 540
 ccctccagtt tnggacggct tgcccgaact gttatngtn tgggcccnan gngcttgcat 600
 ggncaacctt nagngggcaa aaacaatcaa gttcaccncc tcatggnta accaaaacaa 660
 tggttcctt taagtggngg taaaaccccc tnnntnnnnn nntttttnc ananaaaang 720

ggnaagggt ccccntnng gggggggggn aaaaaanggn cnaaannttn aaacnnancc	780
cgggnctggt ttccttnnaa annnttttct ttttttnggg ccancnaacn ngnaanggga	840
ttncnnnnna annttncccc ncnnttggn ccnnngnnnn ggnaaantnn ntnannnngg	900
gnnnnntncn nntncnttaa nnnccnnnng gnnnggg	937

<210> 1176
 <211> 937
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(937)
 <223> n is a, c, g, or t

<400> 1176	
naaaagctgg agctccccgc ggtggcgggc gctctagaac tagtggatcc cccgggctgc	60
aggattgant gcngnntgaa tnnagcggnn aacangctcg gggccannnt ngcgantaag	120
aactgnnnnc gnatacanga gngnnttttt ttnaaactan nncacngntt gntggntnac	180
tggtcgnnna caanatatcc nacccttnaa cnctgtccg anctanctgn anttnaangg	240
atggnnanng gcaanncccc ctngngnann gactntctc taggngcang ggtacagggg	300
tnctnttcnn acnctcngc cnctaant gnnnncangc nantgaccnc agcnggacac	360
agggtncatn tcctgggaag ntcnnaacng gttacatcnc acttgatgnt gacntcnaag	420
acttttcctt aggaagaacc aatggggcac ncttttacnt ggagntgcaa tccngggatc	480
cgcanncann gtttgacaag gtaattaatg ctctgantga acgggnctnc ttcatgataa	540
ccctccagtt tnggacggct tgcccgaact gttatgngtn tgggcccnan gngcttgcat	600
ggncacctt nagngggcaa aaacaatcaa gttcacncc tcatggtnta accaaaacaa	660
tggcttcctt taagtggngg taaaaccccc tnnntnnnnn nntttttnca ananaaaang	720
ggnaagggt ccccntnng gggggggggn aaaaaanggn cnaaannttn aaacnnancc	780
cgggnctggt ttccttnnaa annnttttct ttttttnggg ccancnaacn ngnaanggga	840
ttncnnnnna annttncccc ncnnttggn ccnnngnnnn ggnaaantnn ntnannnngg	900
gnnnnntncn nntncnttaa nnnccnnnng gnnnggg	937

<210> 1177
 <211> 907
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(907)
 <223> n is a, c, g, or t

<400> 1177
 ttgaacaaan ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa ttcnacacga ggaggactac taatataccg anccaccta ntatcctccc 120
 ttctatgctt agaaggaata atgctatccc tattcgnat agcagcccta acaatnctna 180
 actcacattn tacattagct ancataatac ctattatcct actagtctnc gcagcctgtg 240
 aagcagccct aggtctatct ctactagtaa tagtatcaaa tacatatgga ctgattatgt 300
 acaanaacct naacttactn caatgctaaa atacattatt nnaacaatta tacttatacc 360
 cntaacctgg ntatcaaaaa ataataaat ttgggttaac tccacagcac acagccttct 420
 aattagcttt acaagcctnc tcctcataaa ccagtttggc gacaacagcc ttaatTTTTc 480
 actactatTT ttctccgant ccctatccac tccantacta attttaacca tatggctcct 540
 ccctctaata ctaataggct agccaacatc atctatcana agaaaaccta acccgaaaaa 600
 aacnatttat tactatgctg atctcactac aactattgct aattataacc tttaccgggc 660
 atnggaacta atcttatttt atatcctatg ngaagcaaca ctagtcccaa cactcantat 720
 tattaccgga ngaggaaacc aaaccagacg cctaaacgcc ggactctatt tcctattcta 780
 tacctaagcn ggctccctaa ccctattaag cgcnctaaat tatattncna aaccgggggg 840
 ganccctaaa atttccctaaa aattaacggg ncngggggnc aanccgggtc aaaaaccctt 900
 ggaaana 907

<210> 1178
 <211> 1008
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1008)
 <223> n is a, c, g, or t

<400> 1178
 nnnnatctgg agctccaccg cngtgggcggc cgctctagaa ctagtggatc ccccgggctg 60

caggaattcg gcacgaggca tcttgggctg ggtcattagc gccattagtg aggcggctgc	120
gcagtacaac ccagagcccc tgccccctcg cacacattac tccaacattg aggccaatga	180
gagtgaggag gtccggcagt tccggaggct ttttgcccag ctggctggag atgacatgga	240
ggtcagcgcc acagaactca tgaacattct caacaaagtg gtgacccgac atcctgatct	300
gaagactgat ggctttggca ttgacacatg tcgcagcatg gtggctgtaa tggatagtga	360
cacgactggc aaactgggct tcgaagaatt caagtacttg tggaacaaca tcaaaaagtg	420
gcaggccgta taaaaacagt ttgatgttga ccgttcaggg accattggca gcagtgaact	480
cccagggggc tttgaggcag caggattccg cctgaatgaa catctctaca acatgatcat	540
ccgacgctac tcagatgagg gagggaacat ggattttgac aatttcatca gctgcctggt	600
cagactggat gccatgttcc gtgccttcaa atctctcgac aaagatggca ctggacaaat	660
ccaggtgaac atccaggagt ggctgcagct gaccatgtac tncatgaacgg gagccccaag	720
gcctgcccc tcatacctt gctgtangag tcaccttgga cttttcggtc ttccccaagg	780
gctgattctt gtctggagtc acatttttcg tgggtcctgg ctgaccctt ttttgtctt	840
ttancccttt ggcancctgg atttctcant tcaacaagcc anggccccaa catggcttta	900
aacacgcct tgccccttna agttaacccc ccccccaana naaccattt tggnttactt	960
ccattaaccc ttttttttgc nctggggcca aacccaaca tttgggtg	1008

<210> 1179
 <211> 1411
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1411)
 <223> n is a, c, g, or t

<400> 1179	
tcntcagngg gncncgggcg cagcgcgcan cgtgccccnn acnntctnca tgnnatacnc	60
aacnntggna actgtentcc gnnncngttn atgnncncnc ttaancancn nnanggcnac	120
cnetncgct cngcncncc nnttcnncn ncngcacaat attttntnat ntntccacc	180
ccnctnccc ntcaaanncn gnnngggggn ccttnntgnc ctannncnt taccnaance	240
nctcntnnt anctncngan ntattanncn tanaanang cganncgnc nggngnggt	300
gtncntagta nnnannnatt ggtnnacggn nctngncnn gnnctntntn nnntntann	360
tgntgtann nncgncggn gnatantnt nngngngng nggggnagng ngacnggntn	420

tntnttggttn nntntgnncn angngcngn atnagngcnn annntcnnnn nnnangtnn	480
annntntat ntntgtngaa nanactanng cnetccaggg ntcgnntnt tcntnnncn	540
ncnngngnnc anncnnggta agnnnctnag nngnnannng cnnngnnccc nncnattnn	600
tggtnttatt nngagngnc cncnngagnn cnnntnnga gnnatgaten cncaannnt	660
ngtccaggcg nanaanangn nntanatcgn ganngnncnc tgnngnnngg annnatnga	720
cngcnnnnct nggnanngnn ccnnncngac nncnangtan cnnnncnnan ntcnngngct	780
gngggcngc ngctctnnan ngntantgng gcgnncgcnc ncannccacc tgtagtcatn	840
tcctcgnann tncctccacg nacgagcgcnc cccctngnac ggtcnnntnc tcctccgctn	900
ccaccacnca ccnnccaac nnnnatcnt agtanngtcc tcctccnncn anccctcaan	960
gatcttnncn tntttanccc acnggatnct ntgcngncc gtcgcctngc gnntncannn	1020
gngcctaann ccnnncntt cngncggggcg gctcngacgg agttgnntnn tcacttcacc	1080
atcnnctnca gnactnnecn gcngtnnta tanaanaca gcnnccannan tagggtanna	1140
gttnggangn gcantnnngg tgtatatgcn anggcncgg tcancncgnt aanangngc	1200
gantagtcca ganagnnagc agatanancg ncgcanncg cgttgcgnnn ntatannnn	1260
tgcnancnan nncnnnnncn ncgtgcagca cntgcatncc ncgnanana tgtnanttg	1320
cgaaagcgan anantancta acgaganact tncccnanat anagtgtat anagnnnnn	1380
tgatgnnact ntgtcttggn annngagcc g	1411

<210> 1180
 <211> 1507
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1507)
 <223> n is a, c, g, or t

<400> 1180	
ggggggggga gcagantacn tannataatt ttntntntnn atnnnnnnnt caacnntna	60
cactcnannc tnantaganc cgacnaaana cnntcnntag nnggggggaa tanaggacga	120
natatgattn nttttggaga nacnnntgga nntncatnnc ngtggcnggc cgctctagna	180
actagtggan cccttcggnc ntgnnggngn anagaagann catngtttta tanantagct	240
ncttannnca nnnantgcna gcggggggttn tnattttttt ttntttncnt atnttantnn	300

cantnncang tnttcgttnc tngtgantag caannactat ntanaactnt nttantaant	360
nataatcttnc ncttgntatt gangtaanan tgntnantga nagcatnnga agttntntcn	420
gcancttggn attagganga ccnttntcna atttngnngn aanccnncac gnattcntgn	480
ttntntttgn ggnggnntgt nntcgnntca nntctgctnt ntatncattn cncaagantn	540
cnngaanaact tttatttggn cactggncna agnatnatag gnggggttgg aannatanna	600
nntcacntnt tttgatnngc caaanncgan ctttantnna ttattcactn tcatnaanca	660
tngaatanaa anaanggcnn tgatnanant ngttntttga ancccntaan aactgacttt	720
gatannantc nttnnannna tngncgagaa tncaagtgnn nnnnttnngt tattagnnag	780
aannacannn gaccncncnc cttgnnnccc aangcntgan anntaatntn tcatatntat	840
ggnggannat agaatggctc ancacnaata tacntatacn ntcnaangac gcatncatnt	900
gggcttnaca nnnntntaag cncnaannc gtgnactatt atttgtantt tgggaannna	960
ctacananat ccactttnnn acntctnata tttntnttaa tagngctntc ggnctnngat	1020
tcttggtgc ggannttaat antctaatec cttttgagga angtnngca cttgcacna	1080
tnnatgctac aggtantnt gnagnnaata anatatnaca tgtncattnn actttgccnn	1140
caccnattna tcnatgatan anattatnt ntacntgttg ggnaantnnn tctcntcncn	1200
nantctgnan ctattcntnt anttncanta gantttgtaa tagtanattc tnctatactt	1260
cgntcttnna ttantctgtg ncanccnc cttgantncc ntnannnta gtggtnngct	1320
ctannntcg tctntactnc nagcnccgtc ncaatgnann atnnantnta tcatntnttg	1380
tacgnaannc ggttcaatcc attntatgna tattatntaa nnaaggagn actnatatca	1440
tcnnggttan tatgaaacna ccntntgtga tggaangaat nanntcatg tgtttctan	1500
actccgn	1507

<210> 1181
 <211> 1510
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1510)
 <223> n is a, c, g, or t

<400> 1181	
ggggggggag cagantacnt anataatnt ntntntnnat nnnnnctca acnntnnca	60
ctngatnctc ancannncc gacnaaannc nntcnntann gnggggatan aggangaent	120

atgattcntt ttggaganan cnntggagnt ncanncngtg gcnggccgct ctagnaacta	180
gtggganccc ttcggncttg nnggngnaaa naagagnnat ngttttntat antagctnct	240
tannncannn ntgtnc cage ggggntntc anttntctnt nntntntcnn ntntnnantnc	300
cacnccang tnttcgtncn ctagtnta gcnaaatatt tnaactntnt tattaantna	360
tatctttcnc ttgntnttga nntanantgc ntntganag catnngaagt tntnecgnnn	420
cttgggntta gggagacct tntaaattnt ggaaactna cgattngntn nntngnggc	480
ttgtntcgn ntcanntctg ctntntatnc attncnaga ntncctgaan acttttttg	540
aancctggc naagnactna taggnggggt ggtaacnaa ganancacct nttngatnn	600
gctcaaannc ganttttant nnattattca ctncatnaa ncatnganta taatanaatg	660
gctttgttat antnttttt tnaancect aataactgac tttgatanca ntntntnn	720
nctnnacgag aatncaagt nntntntng ttntngnnan aatnacann gaccncnc	780
cttntnnn aangcctgt ttntattnt tcatntgnta tgngngnnna tagaatggct	840
cancactant atacntttac nntcnaanna cgntncntnt agngctttac antntntaa	900
nntaccnaan nggtgtacnt tatntnantn ntgggcnnn cactnnana catctcactt	960
tnnnnttact natatnttt cnatagaac tatgtntntn gattctntnn cngcgganat	1020
tantantcta atcccttttg tgnaatgtan tncantaaca cnnnttnnag ctcannggt	1080
antcngnagn naataannta tntnatgt nantnnact ttgccctcac ctatttactn	1140
natgatanan nattatntctg tatntgntng nnaantnnnn tntcncnc antntncann	1200
natttcnnnt aatancnta gnnntttgta atagtant cncctatact tctctntnn	1260
attatccatn tgngnaang cctctanna tntntntnan nctagcgt ngntctnn	1320
nnttgatct ntactnnnn gcncgnt aangannga tnnantntat catntntngt	1380
acgnacang ggttctanc cacttggtgn atnttatnta actaaangac tnactnatat	1440
catnncnnnt aaatatgaag cgacctntg tnatngnaga atnannntca tgggtgtttc	1500
tanantcgg	1510

<210> 1182
<211> 959
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(959)
<223> n is a, c, g, or t

<400> 1182
ttnnnaaagc tggagctcca cgcggtggc ggccgctcta gaactagtgg atcccccggg 60
ctgcaggctt tgctgagggc cacattgagc tcccagcgac ttcaggggca tcttttaggag 120
tcagcactat ggcagaagac atccaggcca aaatcaagaa ctaccagact gtcctttttg 180
acagccgctt cccaaccag aaccagacca ggaactgctg gcagaactac ctggacttcc 240
accgctgtga gaaggcaatg accgctaaag gaggtgatgt ctccgtgtgt gaatgggtacc 300
ggcgtgtgta caagtccttc tgcccatat cctgggtgtc aacttgggac gatcgccggg 360
cagaaggcac gtttcttgnn aagatctgaa ctggctccat cccacctctt ctgtcctccg 420
tccttctccc aagggtggtg aagggggacc gggtagatgg tgatccccac cttggaatcc 480
tgactcatgg tataactaat aataaatgct cgttggaaac gtgaaaaaaaa aaaaaaaaaa 540
aacctngggg gggggcccg anccaatttn ccntatngg ggggnnnnna aaannnnnnn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 959

<210> 1183
<211> 963
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(963)
<223> n is a, c, g, or t

<400> 1183
aaaagctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc ccgggctgca 60

ggacaaagtg gcttcagaan ccctcatgaa gnaccacatt ctaaacaccc tccagtgttc	120
tgaggctatc atgggaggag cagtctttga gactctggaa ggaaacacca ttgagatagg	180
atgtgatggt gacagcataa cagtaaattg aatcaaaatg gtgaacaaaa aagatattgt	240
gacaaataac ggtgtcatcc atttgattga tcaggctctg gttcctgatt ctgccaaaca	300
agttattgag ctggctggaa atcagcaaac cactttcaca gaccttgtgg cccagttagg	360
cttggcatct gctctgaggc cagatggaga atacactttg ctggcacctg tgaataacgc	420
attttctgat gatacactga gcatggatca gcgccttctt aaattaattc tccagaatca	480
tatattgaaa gtaaaaattg gccttaatga actttacaat ggacaaaacc ttganaccat	540
tggaaggcaa acagctcaga gtcttcngnt nccgcacagn tgctggcatt gaaaattcat	600
gcntgggnga naggaaccag caaggaaaaa tngngccatc cattattcca agaaatcntc	660
aanccaccan aaaaatcccn tttttgnaaa actggaacca ananaaccnc ttcaaccant	720
tttncctaag tctacttгна acctggcaaa cttgnaaana acctcctaac ccagccctgg	780
gaaattggga cctttttttt ggnnccaanc caatggatgc ccttttangg ggaatgggcc	840
taatggaaan aaaangggaa attnttggat ttcgggnnan aaaaatngct ttttnaaaaa	900
nattttttcn tttnttaacc cggaaccenn gggagttttt atttgggaaa aagggttttn	960
nnt	963

<210> 1184
 <211> 963
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(963)
 <223> n is a, c, g, or t

<400> 1184	
tnnnnnaaaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcaggc tttgtaaccc tccaacaatg aatacttcaa cttgtatcaa aacaaataat	120
gagtatccac aattctaaag gacaaacatg aacattaata ttaatatctc tgatcctatt	180
tattggatca acaaacctac taggcctatt accccattca ttcacaccaa caacacaact	240
atcaataaac ctaggcatag ccatccccct gtgagcagga gccgtaatta caggattccg	300
caataaaaact aangcatcac ttgcccattt cttaccacaa ggaacaccca ctccactaat	360
ccaataacta gtaattattg aaactatcag cttttttatt caacctatag ccctcgccgt	420

gcggtnaaca gntaacatna ctgcaggaca cctattaatt cacctaanng gaggagctac	480
acttgcnccta atangcntta gcncctacaac agctctaatt acattcacca ttctaactct	540
actaacaatt ctagagtttg caggngctat aatccaggcc tatgtattca ctctcctagt	600
cagcctatat ctgcatgaca ncgcataatg acacccccaa actcatgctt atcatatagg	660
aaaacccaag ccctttgacc tnttaaangg ggctttgtct gncctcttaa taacatccgg	720
gcctaaacca tggggaattc acttttaact caaaggaccc tggctaataa atgggnctaa	780
cccccaaatt tccttaccat ntttcccatg ggtgacggaa atgttttccg anaaaagcnc	840
ctttcaangg ggncccataa nccccacntg tncnaaaaag gggcncccgt tttgggaaaa	900
aattnttttt ttttattccc ccgaaaaaat ntttttttta ncggganttt tttngggctt	960
tnn	963

<210> 1185
 <211> 962
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(962)
 <223> n is a, c, g, or t

<400> 1185	
ttnanaaaac tggactcccc gcggtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggctttg ctganggna cattgagctc ccagcgactt caggggcatc tttaggagtc	120
agcactatgg nagaagacat ccaggccaaa atcaagaact accagactgc tccttttgac	180
agccgcttcc ccaaccagaa ccagaccagg aactgctggc agaactacct ggacttccac	240
cgctgtgaga aggcaatgac cgntaaagga ggtgatgtct ccgtgtgtga atgggtaccgg	300
cgtgtgtaca agtccctctg ccccatatcc tgggtgtcaa cttgggacga tcgccgggca	360
gaaggcacgt ttcttgggaa gatctgaact ggctccatcc cacctcttct gtccctccgtc	420
cttctcccca ggggtggtgaa gggggaccgg ggtacatggt gatccccacc ctgggatcct	480
gactcatggt ataactaata ataantgctc gttgnaaacg tgaaaaaaaa anaanaaaaa	540
tctaongggg ggggccagnc accatantcc cntaaangga atcnggaatn cccnntngnn	600
cttnntntn agtnngnggn tgntnctnac cccacccent tttttttnt tttnnngaa	660
atctcannnn ccttntnttt ntttnnaann ancnnnnggg gggcnntttt tnnttaaaaa	720

annnggnntt ncccnangnn nanngnntt ttnaaantn nnaaccnt tnntttnaan	780
ttgggggntn ancnnnngg gncnnnnnn cnaattnnnn ncncnnaan nncnggnan	840
nnnnnnccn nnaaaannnc nccnngggg ggggggccc nnnnnccn annntnnnn	900
nnaaaaangg ggnccnnnn ttaaaanna nnnnnnnnt tttttnnnn ntttnnnna	960
aa	962

<210> 1186
 <211> 990
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(990)
 <223> n is a, c, g, or t

<400> 1186	
cccnactgga gctccccgcn gtggcgccg ctctagaact agtggatccc ccgggctgca	60
gggatatatc ccctcgtcaa attctgtaaa ctaaaagtca atgtcgattg aaggaaagg	120
agtcagaatt cattcagga aaatttaagt gattacttca aactcttact attattaaaa	180
cttttttata aataaatgct tctatttgat taactatata ttcagggtag aattataaat	240
gaataattct ggcacaaaat aggacttcat aaatattaga aaaataaatg aaatcattga	300
gatgaagata aaatataagt ctttatgatt acaatctctg taaacataag tgaatgtgag	360
gattcatgtc ttaaatcat ctcaactgtg tagaaagcca cttccttacc atgttcccat	420
ctctgtccct aaagaatata tgtgattttt tatccaagac tactgtgctc tctcatttgg	480
ttgaatgcca agcatccaca ggctgactgt tgcttctgga catcactgat gctacttagc	540
agcagcagca gcagaacaca ccatagcagg ttctgtttct tttttttttt tcctttcnaa	600
ttttatncca ncattatgga aattcnttcc ctctaccnc taaattggg acaaaaacct	660
cngtttttcc catatngcn gancttttca tttttattcc ctttttggan gcatgngatt	720
aattntatnc ctatctttaa aatccnctt acatgcnggc ctttggggn ccccttnga	780
aggggaaggga atanngggaa ttaattttgg tnntaaaaga aaagtnnata aaanaataaa	840
ganggncaaa ataccccccc ctggtttttt ggangggngg ctnccctttt ttanaatcct	900
aaccgggcnt tggctncna aaggcgnttn cctanaaaat tttttccctt tntggtaagg	960
ncctttttcn naaaaaatcc cotcaaanat	990

<210> 1187
 <211> 1008
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1008)
 <223> n is a, c, g, or t

<400> 1187
 tnnnacaaan ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcagcnn tagtngaagc tggggcanga acaggctgaa ccgtgtncct tcccttagca 120
 ggancctac cccatgcagg agctncagna natctaacca ttttctcttt ncacttanca 180
 ggagtttcct caatttttagg agccatnann ttcattacaa canttatcaa catanagccc 240
 ccngcaatgt cacaatacca aaccctntg tncgtatgat ccgnaatann taccgcccga 300
 ctactactac tctngctccc tgtattanca gccggcatca cantgctatt aacagaccgg 360
 aacctaaata caaccttctt cgacccggca ggaggaggag accctattct atatcaacac 420
 ttattctgat tctttggaca ccccgaagtc tatattttaa tcttacntgg ggtttggaat 480
 aatctctcat atcgtgacct actactcagg aaaaaagaa ccattcggat atatgggaat 540
 agttngggct ataatgtcaa tcggatttct aggtttatcg natgagccca ccatatattc 600
 actgtccgga atagacgtcg acacacgaac cctacttaca tcaggccact ataattattg 660
 ctattncaa cgggggtaaa ngctctcagc tgaatggcca cacttcatgg angnaataat 720
 caaatggggc tccctggata atgngaagcc ctaagctttt attttcttaa tttaccggga 780
 nggggggtta acctgggaat tgnnttaacc cacctnttct cctnnnanat tggtnntttac 840
 gaaaccatta cttacgttgg nngnacaatt tccccttttg ttttaataca aaaggagctg 900
 gtttttgcnt ntttatangg gggggatttg ttattggatt ccccctttt tntaagggtt 960
 taacctttca angnttcctg gaacccaaaa tcccctttnn naantttt 1008

<210> 1188
 <211> 1431
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1431)
 <223> n is a, c, g, or t

<400> 1188
 gatctcagag gggnggntg cgcncnnn tacnaacan acngcgtnt acttnnnacg 60
 cnnctatcn cncanntatn ncacncgtan tacgtgcnc ngcgtcactc cgnactgcnn 120
 ggnaccnccg ctntccnat caattgatan nntccctncn nnttttnnct ctcttcttcn 180
 tntctactn nactnntnan tgnnannatg nancnngnca gtgctancta ngcatcanen 240
 nttngcaatc accnnnaatc anatanggtg tctgtctnct ncantctncn nngtngccnn 300
 tegccgntcc ncgacgcnn gcncccgagn ancntctat tctaannann atanagnngg 360
 ngacnnagac cgggncggg tncntntnn nntatnaag ataannnnat nggcnnnngn 420
 nngnntgtan nantnaatac tntnncnang nnnnnnnga tngngnanga anttnnnn 480
 tgtgggnng nncacntgt annnaantgt ntntntncn atactggng gncngaant 540
 nnantnantn cnannnnn gngngggnn nttncntnn ctcanngn gntnnngtgn 600
 ggcgnggng anntcnngn tanangngng ngttntnt cngannnnn tnganntcn 660
 ntntnngtg cgnanngnaa cnntcnata nntgtntct tctnannctn accnttgang 720
 nngnncgng caantnnaaa atcatnnann gnnnanangn cngganngn ntannngan 780
 ccngngaga tnggnacca gcntnaaang nntnannagt nntagangna naggnnntcn 840
 tgaganngct aanggnaa cngntnagt nngcannann cncgaganc ntntatgtt 900
 tttannngac ancanaaccg ntntntctg ncatctntn ccctnnnaat cnatngggcc 960
 gccatgttna ccannananc canntcccng ttntcnnnnc tncntnttt aactannnna 1020
 atcnactang ggntctgcaa gcnnacncan ancnggtnc ncngtncn nactgnaagn 1080
 cntnaancnc antnnanagt ngcngnann tncgcgggn gcnntncan agnnntcnc 1140
 tnagcagcan aancgtngt acntcacagg anaacncaa cgggnancgt ggaacnnnn 1200
 nnacannna ntacnangt tcagatcann agcgtancn nnnngncggn tagacnnana 1260
 gagtncntg tnaatatacg nacncngnc nganantana ananagtgt ngncctgtga 1320
 cntnatncac agacnganta cncnaaaacn naatnatatc gcnncnnna ganagcatna 1380

gnnanannac gtncagtnag agagannana gtgatagngc gcnanngacc g

1431

<210> 1189
<211> 971
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(971)
<223> n is a, c, g, or t

<400> 1189
tttnanccta tctggagctn caccncngtg gcggccgctc tagaactagt ggatcccccg 60
gcctgcaggg gaagtgggag cgttgtctga ttctggcttt aaactctcgt gccagtgctt 120
aggctttggc aggggtcntt tnaaanncaa ttnntttaan ngggnccttg ncatngnann 180
ganntncana atngnaaaaa nngggantng nnnngnaaan annggccaan nnnnnacng 240
ncctnnnttn gaaanngnaa anggaaantn nagnggnnnn cntatnnagg ccnctnctn 300
tancaangga agaantnncc antnggaaaa ccatgggcga aagnatatat ttggggccctt 360
tgcttctgng cattcntttg gagggcacgc ggctgtgcgc tgtgacacac tgtgccncac 420
actgtggctc tnnaccngga aacaaagggc tactgtgccc tcttanacaa nctgttttcc 480
cagatacccn ctcagaanac acactcttgt gtctgnccc cnnnagagcg ctatgccctt 540
tgatgtncac gctnncacag aaaataccnn gagagttatt tccccncag aaaaaaccgt 600
ggatctctgt gacgggcatc ctacntggtg gngtggtggt cagaccnccc catnatnggg 660
tgcttnttta ataccctttt tttcttgagg gaacntcttc agcttctttc ntcactntcn 720
naactttntt ccaaacaatc atccctgggn nggggttttt anaaatnttt ttttttcatt 780
nggnnngcaa gcangggtnn ttttttntt tctaaaaaaa ttccttgccc ccncaantna 840
tttttnttg naangggagt cttaccttgc gngnttnggn ttgggggggc catccgggag 900
ggaaaattcc tccaccaan aanaaaaaaa gggnttttgn angggaattt tttccccacc 960
nttttttttn n 971

<210> 1190
 <211> 971
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(971)
 <223> n is a, c, g, or t

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<400> 1190
tttnanccta tctggagctn caccncngtg gcggccgctc tagaactagt ggatcccccg      60
gcctgcaggg gaagtgggag cgttgtctga ttctggcttt aaactctcgt gccagtgcctt      120
aggctttggc aggggtcntt tnaaanncaa ttnntttaan ngggnccttg ncatngnann      180
ganntncana atngnaaaaa nngggantng nnnngnaaan annggccaan nnnnnacng      240
ncctnnnttn gaaanngnaa anggaaantn nagnggnnnn cntatnagg ccnctnctn      300
tancaangga agaantnncc antnggaaaa ccatgggcga aagnatatat ttggggccctt      360
tgcttctgng cattcntttg gaggccacgc ggctgtgcgc tgtgacacac tgtgccncac      420
actgtggctc tnnaccngga aacaaagggc tactgtgccc tcttanacaa nctgttttcc      480
cagatacccn ctcagaanac acactcttgt gtcctgnccc cnnnagagcg ctatgccctt      540
tgatgtncac gctnncacag aaaataccnn gagagttatt tccccncag aaaaaaccgt      600
ggatctctgt gacgggcatc ctacntggtg gngtggtgtt cagaccnccc catnatnggg      660
tgcttnttta ataccctttt tttcttgagg gaacntcttc agcttctttc ntcactntcn      720
naactttntt ccaaacaatc atccctgggn nggggttttt anaaatnttt ttttttcatt      780
nggnnngcaa gcangggtnn ttttttntt tctaaaaaaa ttccttgccc ccncaantna      840
tttttnttg naangggagt cttaccttgc gngnttnggn ttgggggggc catccgggag      900
ggaaaattcc tccacccaan aanaaaaaaa gggnttttgn angggaattt tttccccacc      960
nttttttttn n                                                                971
  
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<210> 1191
 <211> 983
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(983)
 <223> n is a, c, g, or t

```

<400> 1191
ttganaanan ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggct ntgctgangg tnacattnaa ctcccnncga nttcagnnnc atntntnggn 120
gtgancnnta tggnncanna catncnggcc aanatcagga nctaccanac tgntcctttn 180
gacngncgat tccccaacn naaccanacc angaactgct ggcagaacta cctggacttc 240
caccngtgtg acaatgatnt gaccntntnt gncngnaaan tttctgtntg tgaaagggn 300
cngcngtnt tntntccct gtggccnnta aaaannctgn nnnnttngga ncnanccna 360
acanaaggca cgtttcttg gangatctga actggctcca tcccacctnt tntgtctcc 420
ntccttctcc ccagggtggt gaagggggac cggggtacat ggtgatccn accctgggat 480
cctgacngat ggnataacta atactaaatg ctganggaa acgtgaaaaa aaaaaaaaaa 540
aaatttttt tnggnaann aangnncggn tggggncnn nngnggggg gtgtntncaa 600
gggtnggnn ttnnaaaan ntttttttt ttttntttt tnaaaaaan nnggnnnng 660
tnanttnggt tnnttttnc ncanccccc cncnnttng aaaaaaaan nccccnggg 720
tatnttnggg ggttttaang ccttttngc cnnnncccc nccccccn nntgnggggg 780
ggggaatttn ntttttnc cccnntnaa aangnnnnnc nngggcccc aaaaaagngn 840
gggggggggn nccccctnt tnnngnacan aaannaaccn ttnannccng gggntttnn 900
ntnanaaaaa ncggggntt tttntggaa aantnngng gggggnaaan naaaantngg 960
gaaaaaanaa aattnttttg cct 983

```

<210> 1192
 <211> 974
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(974)
 <223> n is a, c, g, or t

<400> 1192
 naaagctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60
 aggcgctgcc cggccggccg ccctggcgaa cgtggccgac acgaaactgt acgacatcct 120
 gggcgtcccg cctggagcca gcgagaacga gctgaagaag gcatacagaa agttagccaa 180
 agaataccat cctgataaga atccaaatgc tggtgacaaa ttcaaagaaa taagctttgc 240
 atatgaagta ctatcaaadc ctgagaagcg cgaactatat gacagatatg gagaacaagg 300
 tcttcggnaa ggtagcggtg gaggtggtgg catggatgat attttctctc acatctttgg 360
 tggaggatta tttagcttta tgggtaatca gagcagaagt cgaaccggca gaagaagaag 420
 gagaagactt gatgccttcc cctcaaagtt tctttanaag acctggtnta tgggcaagac 480
 anccaacctt cagcttaacc aggaatgtnc tctggtatgg cttccanggg ccaagggggg 540
 naggcctngga cctgtcaaaa agtgtaatng ccttggtcgg gggccnaggg ggncncatta 600
 atgaacaaaa cagctggctt ccagggatgg ngccacaaaa tccagctgng ggggtctgga 660
 ctggaatngg anaagggaaa ggtaatttat ggaaaagggn ccgtngtaaa aaangggang 720
 ggaaaaaaag gggnttaaag aaagtccaan aattnttgaa gtcccccttn aaacaaaggc 780
 ctgnaacctt gggccggana attcctntta ctnggggaaa ccaaaccngg nccccnggg 840
 gnnngnancc cggganacat tgtntttttt tgcttccana aaaaaanaac cttggngggg 900
 tttcccanaa anaccgggaa tggatttggc ccattgacaa tttaaaaaaa agggacttgg 960
 tggaaacctt tttt 974

<210> 1193
<211> 979
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(979)
<223> n is a, c, g, or t

<400> 1193
ttnaanacaa nctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg 60
ggctgcagga attcggcacg agggtttgcc gccgggacac aggnngncgtg aaaaccannng 120
ttaaacctaa gccaaaatgg gaaaggagaa gaccacatc aacatcgttg tcattgggca 180
cgtagattca ggaagtcta ccacgactgg ccatctgac tataaatgtg gcgggatcga 240
caagagaaca attgaaaagt tcgagaagga ggctgccgag atgggaaaagg gtccttcaa 300
atatgcctgg gtcttgaca aacttaaagc tgaacgtgag cgtggtatca ccattgatat 360
ctccctgtgg aaatttgaga ccagcaagta ctatgttacc atcattgatg cccaggaca 420
canagacttc atcaaaaaca tgattacagg cacatcccag gctgactgtg ctgtcctgat 480
cgttgctgct ggtgttggtg aattngaagc cgtattctc caagaacggg cagaccctg 540
agcatgccct tttggcttac acccttgggt gtgaaacaac taattgggtg ggcgttaaca 600
aatggattc cactgagccg ccctatagt agtccgntan aaannnttt tggnnnnncc 660
ttgttgccnc cngttttnt tanaangtnc naangggccc gggnnngnnn ncttttncc 720
ccaaagnntt nngccaaaac tggtttnaaa ccctnnttn atnccccnnn gtctttttt 780
ncnnnnnncc nggtgcaann tnatggncc tcctnnnnng gggccccnc cntncnnntn 840
naacccnnt ggttttnnnn ccnntatng naacntcnnt cttcaannt gcncataana 900
actaccgtn tnnnnnnnt nntcntnann gnnntnttn tnnngnggg nntntnncn 960
nnatttncc cttgnnggc 979

<210> 1194
 <211> 932
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(932)
 <223> n is a, c, g, or t

<400> 1194
 ttganaanac tggagctccc cgcggtggcg gccgctctag aactagtgga tcccccgggc 60
 tgcaggccccg tgtggccctn tagtgagtng nattacatgc cgagctccag acagacatca 120
 acgagctgac cagcgacctg gaccgctcag gaatccccta cctggactat aggacctatg 180
 ctatgcgagt cctgttccccg ggcatcgagg accatcctgt cctgcgtgag ctggagggtgc 240
 agggcaacgg gcagcagcac gtggagaagg ccctgaagct cttcgcgcag ctcatcaaca 300
 acaagggtgtt cctgctgacc ttcattccga ccctggagct gcagcgcagc ttctccatgc 360
 gggaccgcgg caacgtggcc tcgctcatca tgacgggcct gcagggccgc ctggagtacg 420
 ccaccgacgt cctcaagcag ctgctgtctg acctcatcga caagcacctg gagaacaaga 480
 accaccccaa gctgctgctc cggaggacag agtctgtggc agagaagatg ctgaccaatt 540
 ggtttgctt ctctgcaca agttcctgaa ngantgtgcc ggggagccgc ttgttcatgc 600
 tgtactgcgc catcaagcaa gcaaattggag aaggggccat tgacgccta cgggcgaagc 660
 accctattcg ctgacgagga acaacttatt ccgggancaa aatngaacta ccaanaacct 720
 tgattttgaa ctgngttaa tcttgacaan caanaacagc cccggaaatn ccaagngaana 780
 gngttnaaa cttgggaacc cntcacccc aggttcaaag ganaaaaaat cttttgatgc 840
 aagnntaaaa aaaaacgtgg ccccttaatt tccaaagggg gcccaagggg ntttggggan 900
 attgggactt tnggaannng gggnaaaaaan gg 932

<210> 1195
 <211> 1013
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1013)
 <223> n is a, c, g, or t

<400> 1195
 gcctatanng agncgnatna cagtggcggc cgctctagaa ctagtggatc ccccgggctg 60

caggaattcg gcacgaggtt tcttttctct ttttcagtaa aatgcagtga ttatttttat	120
actttatgtt acttaactgt atattataga tattctttct cataactgct tgggcatcta	180
actagtactt ctttacagag gaaaaaaaaa tttcctaagg gcagatctac catatttcat	240
ttactcattc ctatgttcac aggaactcac tttgtgtgtg tgtatgtatt ttggaggact	300
gcttttggtt tgatcttggt gcttttggtt tttgttttgg ctgccaaaag tgatggcaca	360
aatatctagg aagacttttt tccaagata ccatatccaa aagaaacata aagcttgact	420
gtcatttttc aaagcagata agaggctttt aaaggatgag tttcctgtgt gaggacaaga	480
ttctgccgtt tgactgttgt tgttaaagtc ggtaagtcac gtctgactct ctgtgaccct	540
gtggactgtt gtttgccagg ctctgtgtc catggcattt ccagacaag aatactggag	600
tgggttgcca tttccttctc aagcaatttg atatggttct tatttttatt ccaaaagctg	660
aacgtgcttt gccgggcctg gttagtgaac ataggactgg aaacgccctc ctggttttaa	720
gaaatgccctc tngnccaatc cagttgccgc tagccacgnt ttcctcttta atctaaaggt	780
atntaacnat tagaataaaa ttcccgttca nnttcctttt gnncccttnc cccatatcaa	840
taggctccnt ggtggtnnnc gtggtttgaa cttttaattg cntgggcccc tngaaatgtn	900
ttttnnnnnc aattttttat tatnaccng atggggggnnc nggggctanc ccccttan	960
cccccggttc ttgaaanntt ttcccctact ggcaaaacgg cnttttgaac nct	1013

<210> 1196
 <211> 972
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(972)
 <223> n is a, c, g, or t

<400> 1196	
nncaannctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggaattc ggcacgaggg gcctgtacgc atgcggggag gctgcctgcg cctcggtgca	120
tggtgccaac cgtctgggtg caaactcgct cctggacctg gttgtcttcg gccgggcgtg	180
cgccctgagc atcgcagagt cctgcagacc cggagataaa gttccctcga ttaaaccaaa	240
tgctggggaa gaatctgtca tgaatcttga caaattgaga tttgccaatg gaagcataag	300
aacatcgga ctgcnactca acatgcagaa gtcgatgcag agccatgccg cgggtgtccg	360
tggtgngagt gtgctgcagg aaggctgtga naagatcagc agcctctacg gaacctgcg	420

catctgaaga cgttcgacag ggggaatggt ctggaacact gacctggtgg agaccctgga	480
gcttgcaaaa cctgatgctt ttgtgctctg canaccatct acggagccgg agccccggaa	540
ggagtcgcgc ggcgccaccc caggaggagac ttcaaggaga gggttgacga atacnattac	600
tccaanccat ncaggggcaa caaaaaaacc cntttgacac acttggagga acccacgctn	660
tctacgtgac atcaaaaantg ggaagggcac cctgagtcaa acctgtatcg aaaaactttt	720
aacgaaaact gattggncca tgtttcccca anccttcgnt ttttaatgag ganaaangng	780
gtttccctgg ccnnggnaat aannanaaaa nccnccccc ccggtttagg gnnnnncccc	840
cnttttttna ttgggccctt nnnnaannng gggggggcct tttnnnaaaa aatnctnnn	900
nnaggcccn nnnntnnccn nnnnggggta nnnnnnnnt tnnccccggg nnttttttt	960
nnaaaaaaaa aa	972

<210> 1197
 <211> 1320
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1320)
 <223> n is a, c, g, or t

<400> 1197	
ttctcaagg nggtgcggan gcgagcctca cacgtcccn tnnacncacc cnetggnant	60
ctcentnacen tgcggcntga acgcgancct cntatncngt gtgcnccccc naacnngana	120
tancaanncc agccacnnag anntttcgct attctnatan ggtnncantt angnaaccn	180
tggggnnnttc ctncatngct cagnacnttc taagttnnnnt naagcgccnn anntcnatgc	240
nccacttngc cgnaacgna gngngganca aganngnnnc cnnannnaac ngngtttggn	300
gctncnanga nnnaaangnn aatntntnt nnngggnant gggnnccngg ngggntntnt	360
nntnnatngn gngtnnaagn ggncagtnca antctcangn nnnncnattg nnggnngnnn	420
acggcnantn gcntgngngn gtngnagnag cgnnnttgnt tcncgngncg nctaagccc	480
ctatggggnn nnnacnntnn nnnntnnan ggggncggcc nggcngnnnt ntntgagatg	540
nnntgngttg gatngnnnn nacatnnttn ntannnggt nnnananngn gnnnnncn	600
gngtnntnt atnnnnnggn annntngggn gacnnngagt natnnngtn nntnnngcag	660
aggngaccgn ngncagnntn ngtnntntnt naanccggnc ccgaanngct aatgngtggn	720

tcnannanan tcagnnnnnn nnggnngnat nnnnnaggtg ngannnnngnn ggnnggggnc	780
annatncggg gggantccnt tnnnctntgg ngnttagngg annccanngn acgtgntngn	840
nnngacannn naccnncnc ntttgtaagc ttctcnanaa agntagggcg gccaacccnt	900
ctccctctnt cctcttcatn naagtcttac cncnanggcc nnnaccgngc ctnttgcaact	960
tnntgcngnn ngcctacgng ncngntgcgg tacngtgnnn tnnntgcngg gaanncnnc	1020
ncgtncgtcc gnnantacnn nngcggcnct ncnaantcn ncngtacncn ctgcngcngc	1080
acgnnnngng tggtnctgna canagtngc tntgagnagt cncngnncnn tntnnactna	1140
ntgnagcgta gcggagagan cagaanggca ngtcgccgct gnnngtagh nannctgnca	1200
nngccggntg nntntnttgt caacgnagcg nncnccacag tngngantgc nctngngngc	1260
ggcgnggtna ggnnagnnag tcgtntgcnc nnnngganat cgccaancnt nananagccg	1320

<210> 1198
 <211> 965
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(965)
 <223> n is a, c, g, or t

<400> 1198	
ttnagcctat ntggagntnn annncngtg gggccgctct agaactagt gatcccccg	60
gctgnaggaa ntccggcacg agggccacac cgaagcctac ccagcttcc tgtctgtgga	120
acactcgggc ctggggctgg nccctgccta tgggtnttta caaanccnt acggaatnac	180
nttcnancgg cngcngccan naccnaggcg cngcnagggn ccaaanccgg ggnancnnac	240
ccgnncnttn ccnnannng nncnngnttc nncnttnaac nnggcttcct ngaaccaa	300
aannttccgg tttaaaacnn gacttttaga aaggganncc caccngnaa cnggcttgga	360
anttttacn aacttnacca antttccact tttnaacggt tacgcgaaca cattcacang	420
gcacanggaa anncccatcc acngggagag tgtccgggtt atatcaaac aggggggaca	480
tnnagagagt gngagcacct tttannctat ancactgngn tctctttgcc ccaaanccn	540
agagagngtg tggctttgcn cgggaaaaga ntgtgganac ccanaaacc ccgggcggg	600
acttttnaca nagaggtgtg agtgnncccc cgantantgc actggnggat aaaaaatata	660
tatntcttct antnttacac ccnnctttt ggactacncn cgaggncccc gcncccttct	720
cttnttttna ngnggtgggg agggngggg ccacaggact tcctccccg cttgtggaag	780

nccccaaacc ccgttgnccc cngggggccgc ngnttntttt nttttttttt ttnaagaccc	840
tctttttctt gnngggcccc ttttttttnc cccccccng tttnttcctt tttncntncn	900
tttnnnnnaa annngggggaa gggggaacct tttttgggaa aaaaaattcn nttnttttgg	960
aaaaa	965

<210> 1199
 <211> 965
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(965)
 <223> n is a, c, g, or t

<400> 1199	
ttnagcctat ntggagntnn annncngtgg cggccgctct agaactagtg gatcccccg	60
gctgnaggaa nttcggcacg agggccacac cgaagcctac ccagcttcc tgtctgtgga	120
acactcgggc ctggggctgg nccctgccta tgggtnttta caaancccnt acggaatnac	180
nttcnanccg cngcngccan naccnagggc cngcnagggn ccaaanccgg ggnancnnac	240
ccgnncnttn ccnnannng nncnngnttc nncnttnaac nnggcttcct ngaaccaa	300
aannttccgg tttaaaacnn gacttttaga aagggannc caccngnaa cnggcttgga	360
anttttacn aacttnacca antttccact tttnaacggt tacgcgaaca cattcacang	420
gcacanggaa anncccatcc acngggagag tgtccgggtt atatcaaaac aggggggaca	480
tnnagagagt gngagcacct tttannctat ancactgngn tctctttgcc ccaaannccn	540
agagagngtg tggctttgcn cgggaaaaga ntgtgganac ccanaaaccc ccgggcgggg	600
acttttnaca nagaggtgtg agtgnncccc cgantantgc actggnggat aaaaaatata	660
tatntcttct antnttacac ccnnctttt ggactacnnc cgaggncccc gcncccttct	720
cttnttttna ngnggtgggg aggggngggg ccacaggact tcctcccccg cttgtggaag	780
nccccaaacc ccgttgnccc cngggggccgc ngnttntttt nttttttttt ttnaagaccc	840
tctttttctt gnngggcccc ttttttttnc cccccccng tttnttcctt tttncntncn	900
tttnnnnnaa annngggggaa gggggaacct tttttgggaa aaaaaattcn nttnttttgg	960
aaaaa	965

<210> 1200
 <211> 975
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(975)
 <223> n is a, c, g, or t

```

<400> 1200
ttnaaaaaant ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggcg gacatgctgg tcgtgcgagt ggttgagatg tccatcctgg agcctgacgt 120
gcccctccca ctagtcctcc tctcccagcc cagctacctc aaagtcttcg tccccaaagca 180
caccacaggag ctgcggctgg agctgcaggg ctgtgtgtcc aatgggagcc tgggctgccc 240
tgtgcacctt accgtggggg cggccaccct gccaggaaac ttccagaagg tgctcacttg 300
tagcgatccc accacggcct gccgcctgtt gttgccttna ccacntggn aacgngngtt 360
gcaagtgcag gccaaaagcc tggcggggcc ccgcgtgttg gnnacgttaa tngccggggt 420
tgccttnaca gcttgcanac cgtgaattgc naacttcaan ggcnttttga aaaanaagcc 480
cnaaccaa an nagcaccgcn tccacgggcc cgccgccctt gagccccaac acccaggacc 540
tggaccaaag tggcnaggca ggcagnggcc ctttntgntt aaggagcttc cccatcctgc 600
gggaaaacat ggatgtggng ttttgggcc tttccggccc ctggaaaggg ccttgngngc 660
tcgtgcaagt cggacattgc cttaagngat gaaaattgcn cctttaacac gggcatggga 720
cagngggggg cttccttgaa canttttttg ggaaccgtaa aaccaaacc gnggattggc 780
caacaaccac cctngggggg gggccttggt ngaaccgncc gggtttgccc tttnttnaa 840
ttttaaaaan tttgntttta attgnaccaa aaancttttt ttcaagggtt aancccttt 900
ggccccttga nngccttngt tttccaaaa gncaaaccctt aaaanttccc ttaccctaan 960
aaaaanaaaa attgg 975

```

<210> 1201
<211> 939
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(939)
<223> n is a, c, g, or t

<400> 1201
naaaagctgg agctccccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60
aggccgncag gacacaggtg tcntgaaaac caccgttaaa cctaagccaa aatgggaaag 120
gagaagaccc acatcaacat cgttgtcatt gggcacgtag attcagggaa gtctaccacg 180
actggccatc tgatctacaa atgtggcggg atcgacaaga gaacaattga aaagttcgag 240
aaggaggctg ccgagatggg aaagggctcc ttcaaataatg cctgggtctt ggacaaaactt 300
aaagctgaac gtgagcgtgg tatcaccatt gatatctccc tgtggaaatt tgagaccagc 360
aagtactatg ttaccatcat tgatgcccca ggacacagag acttcatcaa aaacatgatt 420
acaggcacat cccaggctga ctgtgctgtc ctgatcgttg ctgctgggtg tgggtgaattt 480
gaagccggtg tctccaagaa cgggcagacc cgtgagcatg cccttttgct tacaccctgg 540
gtgtgaaaca actaattgtt ggcgttaaca aaatggattc ccttganccn ccctatagcc 600
agaananatn cnaanaaatt gttaaggaag tcagcnccta tnttaaaaa attggntaca 660
accccgacac aagtacattt gggccaattt ntggctggaa tggggacacc atgcttaaac 720
ccaaggctaa tttgccctgg ttcaagggat ggaaaagtcnc ccgtaagggc cggcaattgc 780
cnatgggaac ccccttgnt tgaaacctt ggaatggant tttggcacca aatttgncca 840
aatggaaaaa anccttgggg ttggcctntt nccggaangt nnttaaaaat nggggggggtt 900
tgggncctgg ccccttgggg ggcccggngg gnaaacttg 939

<210> 1202
<211> 977
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(977)
<223> n is a, c, g, or t

<400> 1202
ttnaaaaat ctggagctcc accgcggtgg cggccgctct agaactagt gatcccccg 60

gctgcaggcg aacagtcctc acgccgatct ctttinctgn tcccaccgc gccaggtgac	120
acggagagct gacacatgg ttcatacaggn gctctaccgg gcgctgggtct ccaccaagng	180
gctggcggag tccgtncggg ctggtaaggt gggccctggc cttcggggtgc tggatgcgtc	240
ctggtactcg ccgggcaccc gcgaggcccg caaggaatac ctggagcgcc atgtgcccgg	300
cgcctccttt ttgacatan aggagtgtcg ggacaaggcc tcgccttacg aggtgatgct	360
gcccagcgag gcgggcttcg ccgactacgt gggcagcctg ggcatcanca acgacacgca	420
tgtggtggtg tacgatggtg acgacctggg cagnttctat gcgccgcggn tctgntggat	480
gttccgtgtg ttnggccacc gcaccgtgtc cgtgctcaat ggtggcttcc ggaactggct	540
gaagganggc caccgcgtga catctgagcc cttacgccag aagccagcca tcttcaaaag	600
ccacgctgaa ccgctccctg ctcaagacct acgagcangt gctggaaaac cttcgaatca	660
aaaaaggttt caacttggtg gaattcacng gcccanggg cggtacctgg gcacacaagc	720
cggaancnan atcagtagga ctggaactcg ggccacattc cgaaggcttc ggtcnacatt	780
gccctttcat tgaactttct taaanggagg aatggntttt tnaaaaaaaaa cccaaaagga	840
aacctccctt gcccttggtc caagggccca aaaaaggngg gacctttaan aaaagcccct	900
ttttttggcc ccattggccc gggaangngg tcaccccncc ttgcccacat tggccctggg	960
ttgntttaac ctttngg	977

<210> 1203
 <211> 932
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(932)
 <223> n is a, c, g, or t

<400> 1203	
agcctatctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggaattc ggcacgaggg tttgccgcng ngacacaggt gncgngaaaa ccaccgttaa	120
acctantcca aantgggaaa nganaanacc cncatnaaca tngttgtcat tggncacgta	180
gatncaggga agtctaccac gactggccat ctgatctata aatgtggctg ggatcgacaa	240
gagaacaatt gaaaagtctg agaaggaggc tgccgagatg ggaaagggct ccttcaaata	300
tgccctggntc ttgnacaaac ttaaagctga acgtgagcgt ggtatcacca ttgatatctc	360
cctgtggaaa tttgagacca ncangtacta tgntaccatc attgatgccc caggacacat	420

```

anacttcacac aaaaacatga ttacaggcac atcccaggct gactgtgctg ccctgatcnt 480
tgctgctggt gttgngaata ttnaagccgc tatctccang aacgggcaga cccgtgagca 540
tgcccttttg cttacacnct ggggtgggaaa caactaattg gtggcgntaa caaatggat 600
tccactggac cccctatag tgaatcnna ttaccannng gngngaacc ctnaancaa 660
anaggntttt anntgggggg nntnncggnc ccnggggnn gnnnnnnngn nnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnngn nnnnnncnnn nnnnnnnnnn nnnnnnnnn 780
nnnnnnnttt nntnnntttt nnnnnnnnnn nnnnnnnnt tnnnaaann nccnnnnnn 840
nnnnnnnnnn ccntnnnnn nnnnnnnnnn naannnnnnn nnnnnnnna nnnnnncnnn 900
nnnnnnnnnn nnnnnnnnnn gggnnnnnnn cc 932

```

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<210> 1204
<211> 1487
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(1487)
<223> n is a, c, g, or t

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```

<400> 1204
gnncccttant agnggangng cggcaatnta acngngggga ggtccccant taccattaat 60
ctgcctnnca tccccncgg agccttgcat gagcanatcn ccggtcatcn gaggagagnt 120
ttcacnggt ctcttaagaa tacangtgnc ngtgtcctca ggggggatct gntaatntan 180
tttctccttc tntnaanccg tnanaannnn cnatacacna acgtanantn aaaantaann 240
ntcttnnana tttcttnnag naggcnncan ccgcgcnnngc cnactcngtn tcagncnnnc 300
tnttnnanna ngtaaagnag atnntngtgg aaanggnagg ntanncnann ngngnattgt 360
ncagcagctn ntngactng ngngangcgn ntttatnnag gatctntaaa gnnnnnnnnn 420
nnntnnnnan ttgctnctnn tatntngagg nggnnnnnnn gngnantggn tgangatnaa 480
ttnnnngcgn nannnnantt tangngtcgg ngtnacnncn cngnagncgc atnannatta 540
nntggngtnt ntatntttac ngntatncta tntgtancct cnntntntnn ncgncnnng 600
cncnngnttt nntntntnc tatnatnngn tcacnennng ngntcnnagn nnnnggctgga 660
gctacgatan cgaatcgatc nngtnnnngc cgnntntgnt ncantgcnnng gnnngcgtgg 720
cgncgctagg cntaannntt ncnccatna anngangcag nctacnnana cncactgacn 780

```

gntgattaca ttagattang annannganc ancngnantt gtcananact gcgtncnnca 840
 acgnagangn nnnngctngan acnntgngnn tctntgnnct ngtcaatnng nacantnngn 900
 cnggnaggca gtagnnnagt aattcncgcg ncantntagc tnnngacncn ggancgtnan 960
 gcccnnnnnt gtnnaanngn gncggcnatn ngncntannn tnancantgn ngcgcgcaen 1020
 ttgtnatctc cncgcaggna gaatanagag ncgnnngtgn gngctntcng ctatggcngn 1080
 antcgcnnc gtaanagagt gatncncggn ggnntangcc gngtnnnnna nncgcgnntg 1140
 tgnnncgnnn cngncgcng acagantncc ncgcncgcga ntntncanct annngnanca 1200
 nagagnctn gtntntnnnn gaagttacgn nttanncaan cgntagtnng tntnancanc 1260
 gtccncncga antnccacnt cgttggtgtn ttantngnan ncgtcngta gntatcantg 1320
 ntganagcgn gnggngctg gcgtnttcg atantntcng ngncantnag natgcgcgnt 1380
 agacagtnan cngnggngn catnaatcng ngntngncgn acngtnngcg acanagtnan 1440
 ntcgtgncga ncagtgactn tcacgntcnc nnnantatca cntnccg 1487

<210> 1205
 <211> 1126
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1126)
 <223> n is a, c, g, or t

<400> 1205
 gantnnantg nngccganc ncngggcggc cgctctagaa ctagtggatc ccccgggctg 60
 cagganttcn nncacgagga natntcttta anagtaggag aggggccaat agctgncatc 120
 atgactccaa ctcttaaacc nggnttnacn gattantaan nangncntc atnantcanc 180
 anancctggn tcnttatacn cncgctcnca ttncnaacnn tttntncncn tcnnnnnnnt 240
 ntcttnnnnta cantncntnn ntncatctnn nancacntct agnnntantn ccgacattcn 300
 cncnnctnt ncgnnannct nntnccccgc tntctnctcc nnaactantc tgncatatch 360
 cngagccncg tantatgnac ttntnnctn nnnaaatanc nntntncct tctnancnn 420
 gacctctnc tncntnatnn ncancnnna ccntcttgt ttnnnngcc cnatntntt 480
 nnnngtnann ctntcannt nngcnttact cgaatncgta tnnnatgtn acnttctttn 540
 cttntntcc nttattnnct atnnccannc ngnaacntt tttncntncc nctctatnca 600
 cngtntccn cccctctgt ncnacntnc tntncggct nncntantnc gagnncnn 660

ttanctgggt cncgngcttc nncnagctng angnnctcn nccccnana ctcntcccc	720
ttctctctgt atccctcntg nntncanntc tatnnntcnt attnntnagt ncnancannc	780
accnantan tnnnatnccn tntaccncn nctcannnca ccnatnntn catntactag	840
nttcnttntc cgcacgnnnc tgcctctctc gtcctcnttn tntctctgat tncnntncc	900
ntgtttannc ttccctacac gttnttttnc ntntctcttt ntttctcntt tttnacnacc	960
tactncnttc ttctgtcttnc ttatctnnta ctcnntttcn gttccccctnc tcatccctct	1020
cnaagnntcn cntaacnttc tctagctttt nntntgnatt ctengnntcc ctctctccta	1080
cntaccccn cngnaantct cttnaccatt cttnncctc ggctcc	1126

<210> 1206
 <211> 973
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(973)
 <223> n is a, c, g, or t

<400> 1206	
gccctatctg gagctncanc ncgagnggcg gccgctctag aactagtgga tccccgggc	60
tgcaggaatt cggcacgagg agaggtgcaa ctttcttcgg tctccccgaa tccgggttca	120
tccgacacca gccgcctcca ccatgccgcc taagtctgac cccaacgaga taaaatgtac	180
ctgaggtgca ccgggtgggg gaaagtcggg gncccgntct ggcttgncc ccaanaancg	240
ggcctttggg ncttgctncn aaaaagggcg gggatgacnt ngccnangnn actggngant	300
ggaagggnct gnagantacn gggnaactgn ccnttcnnaa cnaannancc cnaantgnng	360
gggnaccntt tgnttntgnc ctnnnnatta aancccttaa ggnaccnccc agggaccgaa	420
agaagccgaa aaaccttttag cncnnnggaa acnttacttt tgatgaaaaan gncaacnttg	480
nccngnana gcnngattgg nctctaaactn nanaactttt tggaaccntt naagagatan	540
ctggggaccg cgccacatct gtggggctgc aatgtgtgat ggggcgccac ccctcatgga	600
catcattgan gatatnaac actggcgccc atggaaatgc ccccnttgt taaanaactg	660
cgcaggggna atataaggng ccctttttca caccncaaaa aaaaaaaaaa aaannttngg	720
ggggggggcc gggnacccaa nttttccctt tnnnnngggg ggngnnntta acnccccnnn	780
nnnnncntc tcnctnntgt nnnnnncntn tnnntnnacn nnnnatnntn ctctnnncnt	840

ttntntnttc tnnnnanatt nnnntttnnt nnnnttnttn tnnncttttn ncnnttgna	900
ntcnnnngnt tnaannncnt tnnccattnnn ncntntntnnn tngctntntnc nnnntnttnc	960
ttntntntnn ntc	973

<210> 1207
 <211> 1033
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1033)
 <223> n is a, c, g, or t

<400> 1207	
ttnagcctat annagagncgn attacagtgg cggccgctct agaactagtg gatcccccg	60
gctgnaggaa aaaaaattgt aggaagtcag cacctntntt aagaaaattg gctacanccc	120
ngncacanta tgcatttgtg gcnaattctg ggctgnangg ggnncaacnt nctaaacna	180
atgnctatna ncccnnggtt naggganngn aaggcanccg nnagggncgg natngccnng	240
gaaccnnccct ngntnnaact ttngattgga ttntngcanc nacttgcccn antgnnnaan	300
ccttgnnttt ggcttttccn gnngnctatt aaaatggggg gattgggtact ggccctgtgt	360
ggtcagtgtg gagacatggt gttctcaaan actgtgnatg gtggtcacct nttgctctca	420
cngcnatgtg nacacactga gnatganacc ttgtgtaaaa tgcncnctg taancatttt	480
gtgaaaacct ntncngngga cacatgtgng ctttttatnt gnaaaaaaca cgttttgtnt	540
aaaaatatcc cccttggnan atntgnggtg ttggancanc acaaatgann cccccctng	600
ganacntnnc tnngttttnc nntcncgan gntttttntt gnaanctnna cgggcnnnn	660
cagagctggt atnttgcccc nngtgnctgn gantngttgn caccacacct cantagcttn	720
canantnngn ctgnagcccn aganaagaaa aaatagatnn ttccnttttt ttggaaaaaa	780
aantngcaag gaaagnngcn ctccatattc ttcnaaaaana atggtggacg gacanccnc	840
nattggttta ttgnttcgct tgggggaann ccctnttttt ttgaaaaag nannnttttg	900
attaantccn cccccngggg gncncnttt tttnttccc cgacnnagaa aaaaaancna	960
cccnttggtt ggggggnntt ccnaannagc ggnccnaaa agagangntt tgnatncttg	1020
ctttnngaac ncn	1033

<210> 1208
 <211> 1033
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1033)
 <223> n is a, c, g, or t

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<400> '1208
ttnagcctat annagancgn attacagtgg cggccgctct agaactagtg gatcccccg 60

gctgnaggaa aaaaaattgt aggaagtcag cacctntntt aagaaaattg gctacanccc 120

ngncacanta tgcatttgtg gcnaattctg ggctgnangg ggncacant nctaaaccna 180

atgnctatna nnccnnggtt naggganngn aaggcanccg nnagggnccg natngccnng 240

gaaccnncct ngntnnaact ttngattgga ttntngcanc nacttgcccn antgnnnaan 300

ccttgnnttt ggcttttccn gnngnctatt aaaatggggg gattgggtact ggccctgtgt 360

ggtcagtgtg gagacatggt gttctcaaan actgtgnatg gtgggtcanct nttgctctca 420

cngcnatgtg nacacactga gnatganacc ttgtgtaaaa tgcncnctg taancatttt 480

gtgaaaacct ntncngnga cacatgtgng ctttttatnt gnaaaaaaca cgttttgtnt 540

aaaaatatcc cccttggnan atntgnggtg ttggancanc acaaatgann cccccctng 600

ganacntnnc tnngtttnc nctcncgan gntttttntt gnaanctna cgggcnann 660

cagagctggt atnttgcccc nngtgnctgn gantngttgn caccacanct cantagcttn 720

canantnngn ctgnagcccn aganaagaaa aaatagatnn ttccnttttt ttggaaaaaa 780

aantngcaag gaaagnngcn ctccatattc ttcnaaaana atggtggacg gacanccnc 840

nattggttta ttgnttcgct tgggggaann ccctnttttt tttgaaaaag nannnttttg 900

attaantccn cccccngggg gncncnttt tttntntccc cgacnnagaa aaaaaancna 960

ccccttggtt ggggggnntt ccnaannagc ggcctnaaa agagangntt tgnatncttg 1020

ctttnngaac ncn 1033
  
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<210> 1209
<211> 915
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(915)
<223> n is a, c, g, or t

<400> 1209
naaaagctgg actccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc      60
aggaattcgg cacgaggccg ggttcggatc gcgagtcgc gccgcagcgg gcaccgcggt      120
ccggagctat ggcggtcgtc gtccgagtag ttattgtgg cgcttgaggc tacaagccca      180
agtatcttca gctcaanaag aagttagaag atgagttccc tagccgtctg gacatctgcg      240
gcgagggggac tccccaggtc accggcttct ttgaagtgtt cgtagcggna aagctggttc      300
actccaagaa gggaggcgat ggctacgtgg acacggagag caagtttctg aagctggtgg      360
ccgccatcaa agccgntttg gctcaggcct gatgtggcct aaaggcagag accagtaatc      420
gtggcccagc ccctctcggc agacgcttca tgacaggaag gactgaaatg tctcttggac      480
gcctggtcct tccctgatgt tctcgcggcc gccggttga gcananatgg acaccctgg      540
tctttgcctg tgcgtgcgtg tgtgcntgtg tgtccccca cgctggtcct ggtgccttcc      600
ccatccntca tnaacatgnt ntnaccagcc ttccccatgt tatncattta tcttnnngcn      660
cctngggngg ncctannnta gcttcttttn ngggggagcc nanangntaa ancganggtn      720
antttcaaat ttcannngna tggaacaact canaangcaa taaatggnga tgaggtncc      780
ctgntnnaan ntntgnnttn tntngggggn ccnnttcccc aantggccaa aanttggggn      840
nggnntnaan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      900
nnnnnnnnnn annnn                                             915

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<210> 1210
<211> 1200
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1200)
<223> n is a, c, g, or t

<400> 1210
ttnttgaacn anntgnntgg gancctccna ccggcggggg ngcggccgct ctagaactag      60

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tggatccccc	gggctgcagg	aaaaaaaaaa	aaaaantttt	gggggggggn	ccnnggnncc	120
caanntccnn	cgggggngcg	gnttnaaaat	anaaacntgn	nctaanccaa	atccnnntat	180
ttnnantnnt	tnnnntaana	ggggattant	ccnngnnagn	antctcctnt	tcncattnat	240
anacnantcc	nntcnntant	attntaatnt	nnaaaactta	naataanatt	gnnagnattn	300
gnnttattan	cttnctcnat	nancnannat	tttcnannca	ntaanantnt	atcttanttt	360
ntnnanctta	tnanctntat	tctnaaanatn	annannnagg	annatagggn	caaagnntct	420
cnnccnntan	ntagngcgan	ncctnnncna	nncnaaggat	ngncnttttn	nncngannta	480
nngtngnncn	ngcnntggng	caattaancc	aaantnacao	nctcatggtn	ggnggggtgtt	540
nccnacggnt	gactaaccct	ggngccantt	tctctantgt	cncccagcng	gnactnngtg	600
gnangtntcc	nntgnggtnt	tgnancacac	nnaccogtnt	acctgactt	naaatggntg	660
gaatttncgg	aaactgnact	naaagngang	gccaccccn	gtngannanc	ntnnatcccc	720
ntcaannccc	caaaanctca	anncatncct	tncaanancc	caangcctcn	aacctanccn	780
nncantgnnt	actaaaantt	aataaacaan	nttcctnnna	tnanacctta	ntaatccnnc	840
anangtttnn	nngcctnnaa	ngntttatcc	gcgnnnnccn	ttngnathtt	nattgntntc	900
tnccnnacat	nntnncaant	aatcnatcnc	nnttancncn	nctnctgann	naccaatntn	960
cnannnnctt	gttnccnatt	nnacctncat	ttnncnnnca	atcacngatc	nnnacngcaa	1020
tttcnnaaac	cnntanaant	ngnganttg	gncncncccc	ntcnccnctt	tctcactent	1080
ntctanataa	tnaannatnn	caccatctac	caacttncnc	tncccnccca	nnccaaggng	1140
ngcccctctt	tanttntntt	tnnnancnta	ntntcancat	anntactnat	atnnaattcc	1200

<210> 1211
 <211> 1041
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1041)
 <223> n is a, c, g, or t

<400>	1211	
tttgannncn	nttgagntn	nnctacaggg gcnngcgtc tagaactagt ggatcccccg 60
ggctgcaggg	ngaaaannac	cnttaannct aagcnaacat gggnangtn ntcaccacaca 120
tgaacntcnt	tgnnattgng	cnngtaaatt natggangtc tacnacnacn gancatatgn 180
tctanaaaacn	angctggatc	tataagaanc nagctgggtc tatganaagt ggncttaaca 240

tgtatgacca cttttttaan cagccanatc acaatgaaaa catcactact gtaatgcttg	300
gcccagatg ttatttcctc actatcagtt gagaccacgc aataaatata aaacggtgca	360
aaaaaaaaa aaaaatctgn gggggggggc cgngntncca ntttncnnnt angggnnngt	420
ntttnnnnngn ntgggctttn cctcaanttn tgctgcttnt tnntgatgaa attttgaant	480
ccnnntnttt nctntcgaac nnnngcaatan ctgttnatnt ttccnntttt tnggctttcc	540
tnttctcagt ttntaaaca ttnttantnt tnnngagctt ttancncna tgnnttttcn	600
ccnggtnnac nctnncnntt tgctnatat tnttatncan tntcnccttt ttttctngaa	660
cttttcccn gntttttttc ttnaannann attnnnctnt nttcctnctt ttntatttna	720
ttntnttntt ttttctaatt ttcttntcnt taganttnng cnttanaacn attcttnnaa	780
ccctnctnt tntcaatttt acnnnnntta nttnntnctg gattttttta tttncctctc	840
nctntnngac tngnntannt ttcanactt gnanantntc nctnttttn natacntntt	900
ncgtttaccc actanngttc attcctgtt tntcnattct ntnttannta ntcnctatg	960
ntntnnnga nntntcntna nnattngnan ntntttattt natnttttc ccgnntttta	1020
tntattcttt ngtnnnnn n	1041

<210> 1212
 <211> 970
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(970)
 <223> n is a, c, g, or t

<400> 1212	
aaanctggag ctccaccgcg gtggcggccg ctctagaact agtggatccc ccgggctgca	60
ggaattcggc acgaggaagg tgcaactttc ttcggtcgtc ccgaatccgg gttcatccga	120
caccagccgc ctccaccatg ccgcctaagt tcgaccccaa cgagataaaa tgtacctgag	180
gtgcaccggt ggggaagtcg gtgccacgtc tgccctggcc cccaagatcg gccctctggg	240
tctgtctcca aaaaaggtcg gtgatgacat cgccaaggca actggtgatt ggaagggctt	300
gaggattaca gtgaaactga ccattcagaa cagacaagcc cagattgagg tggtagcttc	360
tgcttctgcc ctgatcatca aagccctcaa ggaaccacca agggacagaa agaagcagaa	420
aaacattaag cacagtggaa acattacttt tgatgagatc gtcaacattg cccggcagat	480

gcggcatcgg tctctagcta gagaactttc tggaaccatt aaagagatcc tggggaccgc 540
ccagtctgtg ggctgcaatg ttgatggccg ccaccctcat gacatcattg atgatatcaa 600
cagtgggcgc agtggagtgc cccgctagtt aagaactgca aaggaaaata aaggaccatt 660
tgacaaccaa aaaaaaaaaa aaaaactngg gggggggccg ggnncccaat tccccctata 720
gggggggnnnn nnnnaaaann nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 960
nnnnnnnnnc 970

<210> 1213
<211> 976
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(976)
<223> n is a, c, g, or t

<400> 1213
aaanctggag ctccccgcgg tggcggccgc tctagaacta gtggatcccc cgggctgcag 60
ganttcggcn cgaggcagag gtctttagaa gaaggagagg ggccaatagc tgtcatcatg 120
actccaactc gagaactggc ttacagatt actaaagaat gtaagaagtt ttcaaagacc 180
ttgggcccta tagtgagtcg attacagnng gancnggant cnnngancnn atngctgnct 240
gaaaanaggn gctgaantta ttgntngncc ncctggncna angattgncn tgtnnncann 300
tantannngn cngnntacna nnttttnaan agngacnnnt gntgttttan angaancnna 360
cnnaangtng actgggnttn gancccgang nntgcncttt ggggataang nncnccctnn 420
cnnacnnacn nntntgnttt nnnctncttt ccccanannt atggnacctt ngntnngana 480
anncnnnnnn ncccntnnnn nncnngtngn ngcnaaannn nnnnnnnntcn nnnngngnnnc 540
ncnnnnnann gnnnnngann aanaanaaa nttntngnnc nnttnnnntn nnnnnnnntt 600
ncnanaannn ngnnnnntgnn nnttnnnnnn ngnggnnnnn nnnnnacntg cnnnnnggnnn 660
ncnnnnnnan nnnnnnnnan nnnntnaccn nttnnnnnnn nttnnnnngg nngnntnnnn 720
nnnnnnnncc nnnnnnnnnn nnnnnnnnnn nntnannnan nggnnnccnn nnnnnnnntt 780
tnnnngnccn nnnnnnnnnn nnnccnnnnn cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840

nnnnnnnnnn nnnnnnnccn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnttttnnn nnnnnnnnnnn nnnnnnnnnnn	960
nnnnnnnnnn nnnccn	976

<210> 1214
 <211> 956
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(956)
 <223> n is a, c, g, or t

<400> 1214	
ncntatctg gagctccacc gcngtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggaattc ggcacgaggg tcagnnaaca tcaccgagct gaatctgccg cagctagaan	120
tgctcaagaa ccaactggac caggangtgg agttcttgtc cacgtccatt gccagctca	180
aggtgggttca gaccaagtat gtggaagccn aggactgnct gaacgtgctg aagaaaaaca	240
ncgaggggaa agaattactt gncccaactga cgagntntat gtatgtcccc gggaagctac	300
ntgatgtgga acatgtgctt attgatgtgg gaactggnta ctacgtagan aagacngctg	360
aggatgccna ggacttcttc aanaggaana tagacttcct tancaancna atggaaaaaa	420
tccaaccagc tctncaggan aagcacncca tgaaacangc tgncatggng atnatgagcc	480
cnaanattca ncagctcaca accctgggag cagctcaggc tancgccaag gcctgagagc	540
ttgtttcaca aatggggcag aggggtgcctg cttctggggc ctgggacttt gtggacantg	600
gtttcctgga atgggggaaan aaaaaaggtc tgtggtttta tgctaataaa atgagccnnc	660
tgggcacant antcnnaggt cnaaatntc cncntnngg ggggggncng ggcccccaat	720
tncccttnn tngngngggn cccnntaann nnganangg ncnntentt ttttnnantg	780
ntnnnnntt nnnnnngggn ntatnngnct tntntnnaa acccttnnaa ctntgnntt	840
ctttcnngt tactnnttnn gnnngnnntt tnntngtnt ttccccccnn nntnttnnnn	900
nngnntnngn ntttnnnnnn nntatccnnn nnannntttt tnntnttttt nntnnc	956

<210> 1215
 <211> 1429
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1429)
 <223> n is a, c, g, or t

<400> 1215
 gnaanacacn tattnttatt tttttttnnn nntntntnc nctcccnenn nncantnttt 60
 cgtnancncn tnttcnnngg ganannagna gatnanaact ttgagcncnc tggantgcan 120
 acagcggngg ccgctctana ctagtggatc ccccggttg caggnantgn aaattgtaac 180
 gantnnnnac cnatanaann aanattggct ncggggggccc nacncantat ntatnttggtg 240
 ccantctnt gggttcgtaa tgntgacttt catgctanta ancttngntg ctantntgag 300
 catggcanaa nggggatngn taagtcaccc ntaangnacn ngnnattncn ntttgcaaat 360
 antcttgctn gananccttg gattgcatnt ntgntaanca aanntcnntt catnttgana 420
 naccgtttgc cnntngnctt ctcttngca tgggtacta taanatntnn tgggcantta 480
 ggnnaccngt cgccttgctn gnnatccnc attgnacact tgntngttnt canaatcctt 540
 gngnaaatgg ntggancnc ctatangctn cnaaactnaa attganann atnctgnnan 600
 nagaaagnn ntingtnanan anntncactc nttnnangac annntnnncn tatcgaaann 660
 ctctntttnt cntggnttan caattcgcn ntagctntnt aantnnntta naaannngt 720
 nactantcac aaatnnnnan tttnnngnt tncagncnaa tcgngcnnt ttgngttacc 780
 cttnnactat natnattgta tttcaacnac anntngtana nnacntnctt ggcttctttc 840
 acatgctttc tnnagntggn antcattttt ttganactna tcnncaatgn antanattan 900
 anttncctgn ntattttnat naacntngat gngtngcca ttgnntaacn ctagtnacct 960
 ananacttgg tatnatgaca atattaatna ncnctncnt cttgncncng nnttgnaatt 1020
 aaaacaanta tgtntctnan nncntactcg gataatncnt actngtggnt aaacanaatt 1080
 ggngccttta anattntata nttinnaataa ctccnangtn ngncncannc ttnttanant 1140
 atgngntag anntantngg ntnantncn tgcnatntan gntctcnctt nctntngtn 1200
 tntaatnac nacatncnt ntctatntnt tatnnaang ccctancnt ctctntngtn 1260
 ccacnanta ctnacannat gnanccttgn tctatntnct ganctcacta tcgannnant 1320
 tatacctntn tctttcnctc tacnatatta ctancantnt cncnnncng ntcgnanana 1380

acaatcgngg tcactntntc gnnaanntct gctggggaca tatnngtcg

1429

<210> 1216

<211> 1429

<212> DNA

<213> Bovine

<220>

<221> misc_feature

<222> (1)..(1429)

<223> n is a, c, g, or t

<400> 1216

gnaanacacn tattnttatt tttttttnnn nntntntntc nctcccnenn nncantnttt	60
cgtnancncn tnttcnnngg ganannagna gatnanaact ttgagcncnc tggantgcan	120
acagcggngg ccgctctana ctagtggatc ccccggttg caggnantgn aaattgtaac	180
gantnnnnac cnatanaann aanattggct ncggggggccc nacncantat ntatnttggtg	240
ccanntctnt ggggttcgtaa tgntgacttt catgctanta ancttngntg ctantntgag	300
catggcanaa nggggatngn taagtcaccc ntaangnacn ngnnattncn ntttgcaa	360
antcttgctn gananccttg gattgcatnt ntgntaanca aanntcnntt catnttgana	420
naccgtitgc cnntngnctt ctctnngca tggctacta taanatntnn tgggcantta	480
ggnnaccngt cgccttgctn gnnatccnc attgnacact tgntngttnt canaatcctt	540
gngnaaatgg ntggancnc ctatangctn cnaaactnaa attganann atnctgnan	600
nagaaagnnn ntngtnanan anntncactc nttnnangac annntnnncn tatcgaaann	660
ctctntttnt cntggnttan caattcgcn ntagcntnt aantnnntta naaannngt	720
nactantcac aaatnnnnan tttnnngnt tncagncaa tcgngcnnnt ttgngttacc	780
cttnnactat natnattgta tttcaacnac anntngtana nnacntnctt ggcttctttc	840
acatgctttc tnnagntgn antcattttt ttganactna tcnncaatgn antanattan	900
anttcnctgn ntattttnat naacntngat gngtnngcca ttgnntaacn ctagtnacct	960
ananacttgg tatnatgaca atattaatna ncnctncnt cttgncncng nnttgnaatt	1020
aaaacaanta tgtntctnan nncntactcg gataatncnt actngtggnt aaacanaatt	1080
ggngccttta anattntata nttnaataa ctccnangtn ngncncannc ttnttanant	1140
atgngngtag anntantngg ntnantncn tgcnatntan gntctcnctt nnctntngtn	1200
tntaatnac nacatncnt ntctatntnt tatnnaang ccctancnt ctcntngtnn	1260
ccacnanta ctnacannat gnanccttgn tctatntnct ganctcacta tcgannant	1320

tatacctntn tctttcnctc tacnatatta ctanctannt cncnnncnng ntcgnanana	1380
acaatcgngg tcaactntntc gnnaanntct gctggggaca tatnngtcg	1429

<210> 1217
 <211> 1001
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1001)
 <223> n is a, c, g, or t

<400> 1217	
ttnaacaaca atctggagct ccaccgcggt ggcggccgct ctagaactag tggatcccc	60
gggctgcagg aattcggcac gagggcggtg acggccgagg cgacagaacc gaggggctgt	120
cgttggtggg cgctccaggg ctctgaacga gagaagcgtg acccggaac ggaagcgagt	180
cccatccca actccgccag gtttcacgct agccccaggc ttactggtag gtcctgctg	240
ccatggacct gttgtttggg cggcgcaaga cgccagagga gctgctgcgg cagaaccagc	300
gcgccctgaa ccggggccatg cgagagctgg accgtgagcg acagaagctc gagaccagg	360
agaagaaaat catcgcgac atcaagaaaa tggccangca gggccagatg gacgcggtcc	420
ggatcatggc gaaagacctg gtgcgcacca agcggtagct ccgaaagttt gtgttgatgc	480
gggccaacat ccaggctgng tnccttaaga tccagacact caagtctaac aactcaatgg	540
cacaagccat gaaggcggtt ancaaagcca tgggcacat gaacagacag cttgaagttg	600
cccanatnc aaaanatcat gatggagttt tgaaccggca ggcaaaaatt attggacctt	660
gaaggangga aatgattaac gaacnccctt tnntgacncc attgggggaa ccaaggacca	720
attaaaaagg aaaagngatt gcttttttta acccccagg ncttgggacc aaattggggg	780
ttgannccctt gaaaaaanta aacttggtcn aaacctttnc nttttcccc gggnggggtt	840
ccnttaaacy ttgggnttgc ccgggggaaa aaaaaanccn aaggntttcn gnccttttgn	900
ccttgggggg gacnccaaac ccntnaacc tttggaggga aaagggttta aaaaaacttt	960
ttaaaagga attgaaattg gcccnngctt tttncaaag g	1001

<210> 1218
 <211> 941
 <212> DNA
 <213> Bovine

 <220>
 <221> misc_feature
 <222> (1)..(941)
 <223> n is a, c, g, or t

 <400> 1218
 naaaactgga gctccccgcg gtggcgcccg ctctagaact agtggatccc ccgggctgca 60
 ggaattcggc acgaggncctt cnacctgann cctgccaaacn nctnctaccn ctnccaggct 120
 ctncacnacn nctaccncgn ctgcattaac gnaaangga cctntncggc cctggacnng 180
 gtcttgnncc ncttgncagt cagnnggnnn nngggggacc agntnnntnc attccatnnn 240
 nacnctncac ncttcaccgn catgcttgac atggntcaac actnacntgt gnangttctc 300
 ncncatcgag ancttntggn actgagntac tctnctgctg tgttgcnttn ngccccngtt 360
 gaccccagag nnnaccnnnc nactggcnga aaccctgccc tcttgctgc ntentgcgn 420
 ngggacgnng gtntnaaaag acatgctcga gccnggatgg ggacctggcn tggccncacg 480
 ttactgtcn ncnggctgnc ctctatgntn gggaacggaa cccaagngg cggcgggact 540
 gactctttcc cctggctggg ngatgcanac catgantgcc tntncatcta tntctgatgc 600
 ntcantacaa catgctgtgt ggtacccgat tttgggcccc ggttggtccg gacgatatgc 660
 cttttaaaact tacatccgc actgggactt tccgaagctc ttanaantn annnttngg 720
 gnnngnnant tnttcaattc cnnancccn nccnnanngn tttttttgna aggnnaaanc 780
 ccggggannn ccnccgggn ggaangnaa nnggnaacc cttccaanaa aaccaanggt 840
 tnncccttnc nnnagggnnn angnnnnncc nnnnnnnnnn nnggnnnnc ccnnnnnnnn 900
 nnnnnnagga gttttgaaaa ccctttttnt ttcaagnntt t 941

<210> 1219
 <211> 1329
 <212> DNA
 <213> Bovine

 <220>
 <221> misc_feature
 <222> (1)..(1329)
 <223> n is a, c, g, or t

 <400> 1219
 tttggaanc aacaatttct ggnangcttc ccacgcggcg ggtgngccgg gcncgcttct 60

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tagaaactag gtgggaatcc cccccgggg cttgcaggna aaanaaanaa aaaaaaaatn 120
tntnnggggg ggggggnccc cgggancccc naantttccn cccnttataa ggggangtnc 180
nntnttnaan aannnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntnnnnn nnnnnntnnn nnnnnnnnnn 420
tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn tnnnnnnnnn nnnnnnnnnn 480
nnnnntnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntnnntn nnnnnnnnnn nnnnnntnnn 660
nntnnnnnnn tnnnnnnnnn ntannnnnnn ntannnnnnn nnnnnntnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnntnnn nnnnnnnnnn nnnnnnnnt 780
ntnnnnntn tnnnnnnnnn nnnnnnnnnn nntnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnctnnnn nnnnnnnntn nnnntnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnntntnnn ntntnnnnnt nnnnnnnnnn nnnnnnnnnn tnnnnnnnnn 960
nnnnnnnnnn nnnnnnnnnn nnnnnnnnt nnnnnnnnnn tnnntnnnnn nntnnnnnnn 1020
nnnnnnnnnn nnnnnnnnnn nnnnnnnnt nnnnnnnnnn nnnnnnnnnn nnnnnnnnt 1080
nnnnnnnnnn nnnntnnnnn nnnnnncnnn ntannnnnnn nnnntntnnn nntnnnnntn 1140
tnnnnnnnnn nntnnnnnnn nnnnnnnnnn tnnnnnnnnn tntnnnnnnn nnnntnnnnn 1200
nnnnnnnnnt cnnnnnnnnn nnnnttntnn ntannnnnnn cnnnnnnnnn nnnnnnnnc 1260
nnnnnnnnnt nnnnnnnnnn nnnnnntnt nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 1320
nnnnnnncc 1329

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<210> 1220
<211> 916
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(916)
<223> n is a, c, g, or t

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<400> 1220
agncnatctg gagctccccg cggtggcggc cgctctagaa ctagtggatc ccccgggctg 60

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caggggtgaaa accaccgtta aacctaagcc aaaatgggaa aggagaagac ccacatcaac	120
atcgttgtca ttgggcacgt agattcaggg aagtctacca cgactggcca tctgatctac	180
aaatgtggcg ggatcgacaa gagaacaatt gaaaagttcg agaaggaggc tgccgagatg	240
ggaaagggct ccttcaaata tgcctgggtc ttggacaaac ttaaagctga acgtgagcgt	300
ggtatcacca ttgatatctc cctgtggaaa tttgagacca gcaagtacta tgttaccatc	360
attgatgccc caggacacag agacttcac aaaaacatga ttacaggcac atcccaggct	420
gactgtgctg tcctgatcgt tgctgctggt gttggtgaat ttgaagccgg tatctccaag	480
aacgggcaca cccgtgagca tgcccttttg gcttacaccc tgggtgtgaa acaactaatt	540
gntggcggtta acaaaatgga ttccacttga gccaccctat agccagaaga gatacgaaag	600
aaattggtaa gggaagtcag cacctatatt aagaaaattg gctacaaccc cgacacagta	660
gcatttgtgc caatttctgg cttggaatgg tgacaacatg cttanaacca agtgctaata	720
tgccattggt tcaagggatg gaaagtcacc ccgtaangga cggcatggcc agtggggaacc	780
ccccttgctt tгнаacctnt tggattgnan ttttggccac caaatttggc ccaaattggaa	840
aaaacccttg gggtttggcc tttccnggag gtttatnaaa atggggggga tttgggncct	900
gncccttggg ggcngg	916

<210> 1221
 <211> 986
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(986)
 <223> n is a, c, g, or t

<400> 1221	
aaanctggag ctccaccgcg gtggcgggcg ctctagaact agtggatccc ccgggctgca	60
ggaattcggc acgagggcag ttaacatcac cgagctgaat ctgccgcagc tagaaatgct	120
caagaaccaa ctggaccagg aagtggagtt cttgtccacg tccattgccc agctcaaggt	180
ggttcagacc aagtatgtgg aagccaagga ctgtctgaac gtgctgaaga aaaacaacga	240
ggggaaagaa ttacttgtcc cactgacgag ttctatgtat gtccccggga agctacatga	300
tgtggaacat gtgcttatcg atgtgggaac tggttactac gtagagaaga cagctgagga	360
tgccaaggac ttcttcaaga ggaagataga cttccttacc aagcaaattg aaaaaatcca	420

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gccagctctg caggagaagc acgccatgaa acaggctgtc atggagatga tgagccagaa 480
gattcagcag ctcaacaacc tgggagcagc tcaggctacc gccaaggcct gagagcttgt 540
ttcagaaatg gggcagaggg tgcctgcttc tggggcctgg gactttgtgg acgtgggttc 600
ctggaatggg gaaagaagag ggtctgtgtt taatgctaataaatgagcca gctgggcaaa 660
aaaaaaaaaa aaaaaaaaaa ncttgggggg gggcccgggg cccaatttcc ccttttgggg 720
gggnnnnnnn naanannnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 960
nnnnnnnnnn nnnnnnnnnn nnnnnnc 986

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<210> 1222
<211> 982
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(982)
<223> n is a, c, g, or t

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```

<400> 1222
annnctggag ctccaccgcg gtggcggccg ctctagaact agtggatccc ccgggctgca 60
ggcnanggng tcagagctgt acgacgtcac ttgggaagaa atgcgagata aaatgagaaa 120
atggagagaa gaaaactcac gaaatagtga caaattgtgg gaagtggga gaggaattaa 180
ttagtgaata tgcttctaag cttgggagat gatatttgga tcatatatga acaggatgatg 240
attgcagccc tcgactatgg tcgggatgac ttggcattgt tttgtcttca ggagttgaga 300
agacagttcc ctggaagtca cagagtcaag agactaacgg gcatgagatt tgaagccatg 360
gagagatcga tgatgctatt cagctatatg atcgaatttt acaagaagac ccaactaaca 420
ctgctgcaag aaagcgtaag attgccattc gaaaagccca ggggaaaaat gtggaggcca 480
ttcggaact gaatgagtat ctggaacaat ttgttggaaga ccaagaagcc tggcatgaac 540
ttgcagaact ttatatcaat gaacatgact atgctaaagc agccttttgt ttanaggagc 600
ttatgatgac taatccttac aaccacttat actgtcagca gtatgccgaa gttaaataata 660
cccaagggtg actttgaaaa tctcgaaact tcaagaaagt attttgccca ggcatttgaa 720
acttgaccac ngaaatttga nnagctttgt ttggacnttt catggctgca agncatattg 780

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cttcttaatc ccaaagccng gncnnaaacn aaaaaanacc cnttggantt ttgttttttg 840
ggccccccnn caaaaaacaa aannttnttn nttttnnggg gnnnannnnn aaagggancc 900
ccnttctttt nttnaggggn tttnaaaact ttttgnaanc cntgngnaan nccccnntt 960
ttngggggna aatngnccc cn 982

<210> 1223
<211> 986
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(986)
<223> n is a, c, g, or t

<400> 1223
nnnnatctgg agctccaccn cngtggcggc cgctctagaa ctagtggatc ccccgggctg 60
caggcaactt cggngtgagc actgtgcccg ctctctggct gaccgctttg tggaggggtg 120
gtgtcccttc tgtggctacg aggaagcccg gggtgaccag tgtgacaagt gtggcaagct 180
catcaatgcc attgagctca agaagcctca gtgtaaagtc tgccggtcgt gccctgnggn 240
gaaatcctnt nancacctgn ttctggacct gnctaantcg gcagcgcggg tggaggaatg 300
gttgagaaaa acnttgccctg gcantgactg gactgncaac gcccggttca tcattcgttc 360
ttggnttcna ganggccnca agccccgctg tataaccoga gacctnaagt ggggaacccc 420
tgtgccctta naanggtttg aggacaagg gntctatgtc tggtttgatg ccaccattgg 480
ctatttgtgc cattacagnc aactacacan accaatggga gaagtgggtg aacaaccac 540
aaacaagtga acctgtntca gantcatggc caaggacaat gtnccttcc atggcatata 600
nctttccttc ttcancctt atgagctgng gacaantaca cctntngnca angcacctca 660
tttgcttaca naagaattct tgaattacng agggangggg aaaatttctc ttantaaac 720
cccnggtgtg gggagnngtt ttnggggaca ntntnccacn naacacaagg gaatnncng 780
gnttgacaat nngggnggct tttttattnt tgctggaaca tntntncct gaagggggca 840
anaaaaaaan tgcctttttt nnttggnnca aaaaatnttt nttnaaga aannaattcc 900
ccancttgnt ttntnaancc tggntgnaaa nttttttca taaaanaaaa cnggggnantg 960
ntntngnngn ccccaaacn nttttt 986


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<210> 1224
<211> 958
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(958)
<223> n is a, c, g, or t

<400> 1224
aacaaaactg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgcct      60
gnaggaaatt cggcacgagg cttttattga gaccacccaa ggaccccagg ggacccacac      120
ctggggtnac ggtatccggg gntntaancc cnaaannggg ggntngtttt ccnancnccn      180
ngttgncccn ncnanggnnn agnccctttt ttgnnccnng cnnggaangn agnantnann      240
nntaaaancc aacntctttt aacnntcnan cccaannctt cccaanccna aanctnnagg      300
gnanttgaag agaaatgaaa atgggntngc acaatgtgnc acngaantag aaaccctttt      360
tataaagaga tattataata tnggggcccc atnttcgngn ncaggttaca nttttgtggn      420
caggataaag ttgngtgtgn ctanacctgt gcctgtgnac anctcttnnn gtganncac      480
aagatcngag cncagnntna aanngcgctc tnttttgtca cgagagnnca aagncnnang      540
ngtgnccaca caacacatan gngtgngnat gtgnacacac caccaagtga nanatgacac      600
tntgataata ttataaaaaa atatattgtg tntgtgtggn aaaaaaaaaa aaaaaaaact      660
tngggggggg ggccgggncc ccaannttcc ccttttagng nggggnnnna naannnnnn      720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnn      958

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<210> 1225
<211> 958
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(958)
<223> n is a, c, g, or t

<400> 1225
aacaaaactg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgcct      60

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gnaggaaatt cggcacgagg cttttattga gaccacccaa ggaccccagg ggacccacac 120
 ctggggtnac ggtatccggg gntntaancc cnaaannggg ggntngtttt ccnancccn 180
 ngttgncccn ncnanggnnn agnccctttt ttgnnccnng cnnggaangn agnantnann 240
 nntaaaancc aacntctttt aacnntcnan cccaannctt cccaanccna aanctnnagg 300
 gnanttgaaa agaaatgaaa atgggntngc acaatgtgnc acngaantag aaaccctttt 360
 tataaagaga tattataata tnggggcccc atnttcgngn ncaggttaca nttttgtggn 420
 caggataaag ttgngtgtgn ctanacctgt gcctgtgnac anctcttnnn gtgannncac 480
 aagatcngag cncagnntna aanngcgctc tnttttgtca cgagagnnca aagncnnang 540
 ngtgnccaca caacacatan gngtgngnat gtgnacacac caccaagtga nanatgacac 600
 tntgataata tttataaaaa atatattgtg tntgtgtggn aaaaaaaaaa aaaaaaaact 660
 tngggggggg ggccgggncc ccaannttcc ccttttagng ngggnnnnna naannnnnnn 720
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnn 958

<210> 1226
 <211> 985
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(985)
 <223> n is a, c, g, or t

<400> 1226
 ttnancncta tctggagctc cancnngtg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcaggc tcgtgtgagt gacatcgtct ttaaaccctg cgtggcaatc cctgacgcac 120
 cgccgtgatg cccaggggaag acagggcgac ctggaagtcc aactacttcc ttaagatcat 180
 ccaacttctg gatgattatc caaaatgctt cattgtggga gcagacaacg tgggctccaa 240
 gcagatgcag cagatccgca tgtccctccg cgggaaggct gtggtgctga tgggcaagaa 300
 cacgatgatg cgcaaggcca tccgagggcn tctggaaaac aaccgggctc tggagaaact 360
 gttgcctcac atccggggga atgtgggctt cgtgttcacc aaggaggacc tcaactganat 420
 cagggacatg ctgctggcca acaaggtgcc agctgccgcc cgtgctggtg ccatancgcc 480

gtgtgaagtc actgtgccag cacanaacac tggctctgggg cccgaaaaaa cctccttntt	540
ccaggcttta ggcataccca cnaaaatntc caggggcnc aattgaaatcc ttgagngatg	600
ggcacctgat taaaacagga nacaaagttg ggcncancn aaaccccccn tgttgaanat	660
gctgaacatn tccccctttt ttcttttggg ctggncattc caccaggggg tttgaaaaat	720
gggngcattt tacaancctt gaagnggntt gacattcaca aaaaggaaaa ctttgnantt	780
tccccctttc ttgggagggg ggncccccaa ttttttncnc ancgggtgnc cttgccaaan	840
tgggttancc ccaaccggn gcatttttgt nccccnttt tttttattta aanggggnac	900
caaancncnc tncctgggtt ttttttttgg gggnaacgg aattacnccc tttccccntt	960
ttttgnaaaa agggncang gncct	985

<210> 1227
 <211> 938
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(938)
 <223> n is a, c, g, or t

<400> 1227	
naaagctgga gctccccgcg gtggcgggcg ctctagaact agtggatccc ccgggctgca	60
ggnactaata annanggna acnatgcatt catcggacct tncagcccca tcaaacattt	120
catcatgatg aaatttcggt tccctcctgg gaatctgcct aatcctacaa atcctcacag	180
gcctattcct agcaatacac tacacatccg acacaacaac agcattctcc tctgttaccc	240
atatctgccg agacgtgaac tacggctgaa tcatccgata catacacgca aacggagctt	300
caatgttttt tatctgctta tatanagcac gcnaggactn aggtttatat tacggtcctt	360
acactttccn agaacatgaa anattggngt antccttctg ctcacagtnn tagccacagc	420
attgtgnggt ccttctacca tgaggacaaa tatnatnctg aggagcaaca gncataccaa	480
nctcttatca agcaatccca tacatcggca caaattaagt ccnaatgaat ctgaggcgga	540
ttntcantaa nacaagcanc cctttaccgg atcttcgctt tcatttatcc ttccattatc	600
atcatagcaa ttggcatagt ccacctacta ttcttccacg aaacaggctc caacaaccca	660
acanggaatt tcctcaaacg tanacaaaat ccatttccac ccctactata ccattaagga	720
cattttangg ggccctntna ctaaattcta gcttttaana ctactaagna ctatttcgca	780

ncccgacctt cctngganac ccaaanaact accccaagc caattcaatt naanacaccc	840
ccttnaaatt aaaacccgag ggganacttt tttattggct accncaattt ttacgaaaca	900
atnccccaac caacttnggn gggngtcctt anccctta	938

<210> 1228
 <211> 979
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(979)
 <223> n is a, c, g, or t

<400> 1228	
ttnannaaaa tctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcaggg taaatctgtc tttccttttg gcacatagaa tctgagactg aaaattgtng	120
aaggaaaaga gatgacagct gagttctggg tggagttgat gagcccaagg actgggctgt	180
ttgggccata tcctgttcat gggttttgcc accactatag aaccttctgt ggtctccctt	240
gcgaaagggg cacagctcgt cagcgtatth aaggagtgc cagagtggag agcatgaggg	300
gaacaaacag gtgggggctg ttatccagag aacagtgcgt cttttctgca agaccttcta	360
gggtagtata gaatggtgtt gggagcaaag acttttagagt gacagagagt cctaacaggt	420
ctcttcactt tctctttggc ctgcagggat aatcctacag gtccctaata ccttatttga	480
aatcttttgg gatgggtggt gttttggaat tcaggatgat tcagatttta gaaagggaa	540
atagtgcctt tatgatacat aaagtaatac ccagtgag attcagggca gtgccctact	600
ggaattcaaa tctatcaatg tttctgtagc taaatatatg aatattcnca ctaagtggag	660
ataaatagat nttataaata ggatcgnga cgggtcaaaa tcaaaatttt gggtaaagt	720
tatgnaacaa acctattgtt tctttcanaa atttttttta ttttggaat tataaaataa	780
gggaattatg ggccttaata attggtntcc caagggtggt gggggaagg aataatgtgn	840
cccaaaaaag cttttttaaa ccncncccc attgggaagg gattgtatgc caattttcaa	900
ttcccaaaac aaaaatacca aatggtntcc aagggggng ggcctttttt gnaccttaca	960
gggggnccaa tggtnccgg	979

<210> 1229
 <211> 914
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(914)
 <223> n is a, c, g, or t

<400> 1229
 nncaannctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggaattc ggcacgaggc tttcctgcaa agtagggcca cacagaatgt tgcaactacc 120
 ggaggttttt ttgatnanaa tntgactncc agncttaagc ttctaaattn ctgatttagt 180
 tgaatcttgg tgagaaccan aggccggaac tcagctgccc caggactgtc caaggagcag 240
 gagcaagtgg tggccctgaa ctgatgcggt gcccggaag catctgtggc cagcgtgctg 300
 gggttaacaa gaccttggtc atccaccgag gaaagcagga agttgtttcc aaaacaagga 360
 ggaaaaaata gatgctgaag aatcagaagc tacagctgtg cagcacaggc tgccctcaga 420
 cctggatgga catagcccaa gcccgaagac gaaaagcttt ctgtgataca ctgacatgtt 480
 tataactgtc cgtgatcttg ggggcaggca ccagaattcc tctgtctgtt ggagaaaata 540
 ggcatagaga ccttgggcca gaatgctaaa cccggagagc agggcgtgag ccaactcttg 600
 aagaaaaaag tgagaaggac gtgtgggctt ncatcttggg cagatgggan aatgcaaac 660
 aaaaaaancg tggggaanan atgggancca ngcnaacngg aaggctgang gcatgacaag 720
 gncagtgggg ctccccagtg cagggnccct aaanggagtc tgantaccta acttgnccca 780
 ttaaaccctt ttgtccgttc ccagcccna acaccttatt aaaagttaat tttttacncc 840
 ctgnaaaaaa aaaaaaaaaa aaacttgggg ggggggcccg ggcccccaat ttnncccttt 900
 ttggggggng gggg 914

<210> 1230
 <211> 1001
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1001)
 <223> n is a, c, g, or t

<400> 1230
 aaanctggag ctccaccgcg gtggcggccg ctctagaact agtggatccc ccgggctgca 60

ggaattcggc acgaggtgac ctccacccat tgtcttgggtg gcacatgggt ggaacacttg	120
atctgctcga gtctgccttc aacacacatt gcattcttcag attttctact tttctgttca	180
aaactaatat tcaccaagtc agactttgtg ttaattttat atcaggggtat tggctgccag	240
ggggtcaccc ctaagtggcc tgaagatgga caaagggag taacaggcac gtgatgttgg	300
caaggatgct tctagggcta gaggatcagt ggtgggagag agctgcagaa tccaccagcc	360
agaactgcag ataacgaatc ttatggtcag gggctgtgac tgagagaagg aaactgaggt	420
tgtgttctga aagtacataa actctcacat ataccagtt cttcaccatc tccccctctc	480
actttgcagt gccatttctt tttgcattag gcaatttgct cagactttcc agagccatgg	540
cccatccggt ctctggaatc cccacacact ctgagagggtg gatcaccacg tcctgcaggg	600
ctgctcccc tccaaactacc tttaggagat gcaggacagg gaggtgttt caaccagaaa	660
gacaaaaatc aagaaccgag gagcaaaacg tggtaaaaca gaaaaanggc aggtggcaaa	720
tgggtttctt ttgggggttc tgggtttctt tttcacatcn ggggatggct gncaccaana	780
aatctttcag tccgcttaca tggtncttct tntntnccc tccccacttt tttttctat	840
taatcaaaaa aaaatttcaa aagccaatng ggatgggccc gatctcacag gctggaaaaa	900
ctcgttcccc tccaaccatt ttattgaaaa aagctggttn ttattaatna ttgccaacc	960
ctttggcccc gggnggaaaa natttgacna atnttttnaa a	1001

<210> 1231
 <211> 961
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(961)
 <223> n is a, c, g, or t

<400> 1231	
naaanctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc	60
aggatttcgg cncgagggaa gcacgtcgtc ttcacgccc agaggagaat tctgcctaag	120
ccaactcgaa aaagccgtac gaaaaataag cagaaacgtc ccaggagccg cactctgacc	180
gctgtgcacg acgccatcct ggaggacttg gttttcccaa gtgagatcgt gggcaanagg	240
atccgcgtga agctggacgg cagccgactc ataaagggtcc atctggacaa agctcagcan	300
aacaacgtgg agcacaaggt tgaaacgttt tctggtgtct ataagaagct cacgggcaag	360
gatgttaatt ttgaattccc agagtttcag ttgtaaaca acgactaaat aaaatattat	420

tctcaaaaaa aaaaaaaaaa aaaacntggg ggggggccc gncccnatt nccccttatn	480
ggngnntntt aanannnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnngnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960
c	961

<210> 1232
 <211> 941
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(941)
 <223> n is a, c, g, or t

<400> 1232	
aaaagctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc	60
aggaattcgg caccagggggc ttccagggaa tccctctgtt gaggacaact ggctgtcttc	120
tcctgcaccc tcccccaaac aaccctcaac tgctagaccc accatgaaac cactgggttc	180
tgggtcccag ctgctgattc tagaaccctg cctctgtgct gcacccctgt cccatcccct	240
anatctagaa ctacagccac tggattctan aacctccata ttacctcac ctgagggtc	300
ttccatcccc aagctgtgcc ctgtccccag ctttgggtgaa aganaggggc cccttatgtg	360
tgctgtgttg tgtctgctgc acttggtttg cagttgggag cggaaggcag aaggggtgtg	420
attgaagtgt gtccagagat gaaaaaatac atatataatt aacaaaaaaa aaaaaaaa	480
aannnggggg ggggnccngg ncccnanttc ccntatagg gngnnggatn aaaannnnnn	540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn c	941

<210> 1233
 <211> 982
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(982)
 <223> n is a, c, g, or t

<400> 1233	
ttgaaaacan tggactccac cgcggtggcg gccgctctag aactagtgga tcccccgggc	60
tgcaggaatt cggcacgagg cttttattga gaccacccaa ggaccccagg ggacccacac	120
ctggtgtcac ggtatccgtg ggtctcagcc ccagaatggt gggctgcttt ccagccccc	180
tgctgtcccc accaaggac aggcccctct ctgtgccctg cctgggatgg aggactcgat	240
catcagatac gagctccttt gaacatccag cccagtcct cccagccca gagcctgagg	300
gtcatttgag aggaagtgag agtggcatgc agcaatggac aggactcaga agccctttta	360
taaaggatat ttaatatcgt ggccccagct tcgtggcagg ttctactttt ctggccagg	420
taaagtttgg ctgggcctac gctgccctga gcagctctct gactgtaacc acacgagctg	480
agtgcagtgg atgaatgcgg cctcgtttct gccaggagtg canagtgcc agcgtggtcc	540
anacacgaca gatgccgtgt gcaaagtgtg acnacgacc aantatgaca tatgactctg	600
naatatttct aatnnanata ttttggtttc tnggctgaaa aaaaaaaaaa aaaaaaattt	660
ntnggggggg nccccgtnac cntttttcn cnttttntn gnnccctnta taatnnngnn	720
nnntnnntct cctcnntntn ctccctntn tenantgntc tntctnntn cnccttncnn	780
cnnctncaact ncnnntntn cnntnnnnnn ctncggnnnn nnntnnntngn ctngtnnnct	840
cnnntnnntn gtcgttntn gactnctnnn ctttcttggg tnnccnann tntnctctnc	900
nnntnnnncn nctcncctn tncnnnnatt ntntnncnn tcnennntct ntcttnnctt	960
nnnnnnnttc tnntttatnn cc	982

<210> 1234
 <211> 982
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(982)
 <223> n is a, c, g, or t

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<400> 1234
ttgaaaacan tggactccac cgcggtggcg gccgctctag aactagtgga tcccccgggc      60

tgcaggaatt cggcacgagg cttttattga gaccacccaa ggaccccagg ggaccacac      120

ctggtgtcac ggtatccgtg ggtctcagcc ccagaatggg gggctgcttt cccagcccc      180

tgctgtcccc accaaggagc agggccctct ctgtgccctg cctgggatgg aggactcgat      240

catcagatac gagctccttt gaacatccag cccagtcct cccagccca gagcctgagg      300

gtcatttgag aggaagtgag agtggcatgc agcaatggac aggactcaga agccctttta      360

taaaggatat ttaatatcgt ggccccagct tcgtggcagg ttctactttt ctggccagg      420

taaagtttgg ctgggcctac gctgccctga gcagctctct gactgtaacc acacgagctg      480

agtgcagtgg atgaatgcgg cctcgcttct gccaggagtg canagtgcc aagcgtggtcc      540

anacacgaca gatgccgtgt gcaaagtgg acnacgacc aantatgaca tatgactctg      600

naatatttct aatnnanata ttttggtttc tnggctgaaa aaaaaaaaaa aaaaaaattt      660

ntnggggggg nccccgtnac cntttttctn cnttttntn gnnncctnta taatnnngnn      720

nnntnnntct cctcnntntn ctccctntn tcnantgntc tntctnntn cnctttncnn      780

cnnctncaact ncnnttntn cnntnncnnn ctctggnnnn nnntnntnngn ctngtnnnct      840

cnnntnntnn gtcgttntn gactnctnnn ctttcttggg tnnnccnann tntnctctnc      900

nnntnnnncn nctcncctn tcnnnnatt ntntnncnn tcnennntct ntctttnctt      960

nnnnnnnttc tnnttatnn cc      982
  
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<210> 1235
<211> 948
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(948)
<223> n is a, c, g, or t

<400> 1235
ttnnnaaann ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggct ttgctgaggg tcacattgag ctcccagcga cttcaggggc atctttagga 120
gtcagcacta tggcagaaga catccaggcc aaaatcaaga actaccagac tgctcctttt 180
gacagccgct tccccaaacca gaaccagacc aggaactgct ggcanacta cctggacttc 240
caccgntgtg agaaggcaat gaccgntaaa ggaggtgatg tctccgtgtg tgaatggtac 300
cggcgtgtgt acaagtcctt ctgccccata tctgggtgt caacttggga cnatcgccgg 360
gcagaaggca cgtttccttg naagatctga actggntcca tcccaccttt tntgtcctcc 420
gtccttctcc ccagggtggt gaagggggac cggggtacat ggtgatcccc accntgggat 480
cctgactcat ggtataacta ataataaatg ctcgttgga acgtgaaaaa aaaaaanaa 540
aaaanctttn ggggggcccc gnanccnatt nnnncntata gngggnnnnt tannnnnnn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnt 948

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<210> 1236
<211> 925
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(925)
<223> n is a, c, g, or t

<400> 1236
aaaagctgga gctccccgcg gtggcggccg ctctagaact agtggatccc ccgggctgca 60

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ggctannctc gagttttttt tttttttttt tangngcntn gnantttntt tttngtaaaa	120
nagtgatgag nantaatnng ncnaaanagg nnnccanttt ttgtngggaa accaancccc	180
accacacagg gacnnttttc nngnacnaa cgtantcccc ncnttttctt gccnaggang	240
gcnntaancc ccgnaaaagg ncccccggnn tgaggntcca ggnccaaacg gccacnctc	300
cggccccang gggcnttttt gnanaggngg ttccngggna cggggaaagg gnctntcaan	360
tnggncgnga nctggagggt taaggntnaa aantggngcg ggtacaaaag ctttctacc	420
cntgnttttn agnggtttta ctgagttcct ccttggccat cancnacana tgcaatanct	480
tgccctnaag naaccggatg ntcgccaac cntgttnact tgccattttt gttttagnaa	540
cnccancagg nccgggnatt ggnaanctnt ttcnttgaat naacnggggg ggnnaaaaaa	600
actttctatc ncccgggaaa aagncacctt cnnttgccgg ggangggccc ntganccccc	660
gaggananaa nccccttgag ggggtcnnaa tcaaggttcc ggggggggcc cggancccaa	720
ttnccttaag gggagnnnnn aaaannnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnn	925

<210> 1237
 <211> 959
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(959)
 <223> n is a, c, g, or t

<400> 1237	
tnnnnaaaaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcaggt tttgaaccat ctgttgaaca agccagatat agcagctgcc aacagaatgt	120
gactctggaa cccctaaag cccaggaggt gacctacct tgcagactga gccactcagc	180
tggccccac gctatgacgc agggggacaa ggagagcagc tccagaagcc tggcccctgg	240
taccgcagag agcgaagcca cgctccancg gaagctccgg cagaagcagc tgcagcagca	300
gttccgcgaa cagatggaga gacagcagcg ggccgccacc tctgctctgc ccgccggaag	360
gaccgaccag gcgcagccgc caccggtgcc tgctgccaag cccagcctcc ccaggaccca	420
ctcacctcca gagccactca ccagagagaga cctgctccca gacagtcttg aaatgtggga	480

catggctttg gatgcagagg acagcgtgct cangcccttg ttgaaaccag aaccaccgca	540
gacccctgcc atctcggtcc taaagaacca catggagacc cagaacagga tcccaccaag	600
ccttttgcca ccagaatnca caggcacagt ctgggacctt ggcaccttcc aaactnccag	660
ccttaaacca acacaccaca aggcgactgn gattccttnt aggaagattc aggacatgaa	720
aaaaanggaa actgggatcc cccttaancc ccagggttaa ggtcaccctc ctaaaactnt	780
tggcctggag gggactttcc ttttggtcat gaaaaagaac tgctncttgc cntgaagaag	840
gggccttggc tttaagggtc tccnccttgn tttattctna annnnngggg aggnaaaann	900
nncnttnnna aaanaanggg ggggnaaaaa nnnnnntttt tnnaaaaaaa accctttnt	959

<210> 1238
 <211> 940
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(940)
 <223> n is a, c, g, or t

<400> 1238	
ttnnncacan ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg	60
gctgcaggaa tncgngacna ggcctcgntg nccacctggc attcctccga ctncctctcca	120
gncgggcctc tcataacatc acatatcact gcgagaatan cattgcatac atggatcatg	180
ccantgggaa tgnananaaa gccttgaagc tgatgggggc aaangaagga gaattcnngg	240
ctgnangaaa nancnnatnc acatacncag ttcnnggagga tggtngcaca aaacacactg	300
gggantgggg caaaacagtc ttccagtatc aaacacgcna ggncgnnana ctacctatng	360
nacanatngc nccctatgat ntcggggggc ctgatcaaga atntggtgcn gacattggcc	420
ctgttcgntt ttataaaacc aaactctatc caaagtccca gaaaaagctg nacactccat	480
atgttccttt tgttctaatac ttgtnagcca gnccaannga ccaaggtcna gttctttatt	540
tccaacaccc cttggnaaaa cagcgcncn cgncnagaa aaggatattt ggttgttgct	600
attaccccca aatacagttc aaaagcttaa ttggactatt tttttacca atttcaattt	660
ccaantggcc caatggggcn atnaaaaaan aaacttcaca ctttttccaa taccctgggg	720
ttacntttnt ttgaatccta acnccatttt aaaagcaatg ccggggcntt accctttaaa	780
agaattncct ttttttctgg aaccanttca cgcccgaaa atnnggaaaa aaaactttcc	840

tggttttaaa ataancctna ancttggggn anaaaaaaat taacnggaaa ttgntatggg 900
 gnccccccca aaaaaataaa aaaatttttt nccccaaaagn 940

<210> 1239
 <211> 983
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(983)
 <223> n is a, c, g, or t

<400> 1239
 ncannatctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggcagag cccgcggtcc ggactgcagc gcgtgcccc agetctccgt cttccccgc 120
 ccgccagccc gagcccagcc cgcggcccca gcagcagccc cgagagcagc cccaaaagca 180
 gcgccatggc cgggtggaac gcctacatcg acaacctcat ggccggacggg acctgtcagg 240
 acgcagccat cgtgggctat aaggactcgc cctccgtctg ggccgccgtc cccggcaaga 300
 ccttcgtcaa catcacgcct gctgaggctg gtatcctggg tggcaaagac cggtaagtt 360
 ttttcgtgaa cgggctaaca cttggggggc agaaatgttc tgtgatccgg gactcactgc 420
 tgcaggatgg agaatttacc atggatcttc gtaccaagag caccggtgga gccccaacct 480
 tcaatatcac ggtcaccatg actgccaaaga cgctagtcct gctgatgggc aaagaagggtg 540
 tccacggcgg tatgatcaac aagaaatggt atgaaatggc ttctcacctg cggcggtccc 600
 agtactgacc tcgtctggcc ctccccctac cactccccac tgcttctgca cccctctcct 660
 tccacacaca tacatacacc atttttatit tttgggccat taccacacac cccttattgc 720
 tggcaaaacc acatgggctg ggggccccgg gctggatgga cagacacccc ctgccacaac 780
 ccatacccct tctgtgtgtg gttgggaaaa cttttttgtt tttttgggtt tttttctgaa 840
 taaaaaaaaga attctattac aaaaaaaaaa aaaaaaaanc cttggggggg gggccggggc 900
 cccatttncc tttttaaggg gngngnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 960
 nnnnnnnnnn nnnnnnnnnn nnc 983

<210> 1240
 <211> 1005
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1005)
 <223> n is a, c, g, or t

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<400> 1240
naaaactgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc      60
agganttcgg cacgaggggg gagtgaagat ctgctcctcc ggggtgctagc catcaccagc     120
tactccatcc cagagagcat ccagagcctg aagtgccgcc gcttgcggtg tggtggggaa      180
cggcatcggc tgcgcaacag ctcgctggga gaggccatca acaagtacga cgtgggtcatc     240
aggttaaaca gtgccctgt ggctggctac aagcaggacg tgggctcaa gaccaccatg        300
cgtctcttct accctgaatc cgcccacttc aaccccaaag tggaggacaa ccctgacaca      360
ctctcgtcc tgggtggcttt caaggccatg gacttccact ggattgagag catcctgagt       420
gataagaagc gagtgcgaaa gggcttcttg aaacagcctc ccctcatctg ggacgtcaac      480
cccaaacaga ttcggattct caacccttc tacatggaga tcgcagccga caaactgctg       540
agcctgccga tacaccagcc acacaagatt aagcagaagc ccaccacagg gctgttggcc      600
atcaccttgc ccttcacctc tgtgacctgg tacacattgn ttggcttcgg ctaccagac       660
cccaccanaa aaagcagtcc attcactact atgagtatat cacgctcaag tccatgatgt      720
ggtcangccc acaatgtctn ccaaggaggc cnttggccat taaagcggga tgcttgga      780
aatcggaacc ggncaaaaac ccttaacttt actttttgac ttngggcaan ggcttggtcc     840
cattgggnnn aacccttgnt aaacngggcc ccggcccn ncttttgggg ggggccagg      900
gccacattg gggccggttt tggacctcac ctttttcttg gggggggng ggggnccagg      960
nttaaaaana aaggccnccc cctttggttt tttttgngng aagnt                      1005

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<210> 1241
 <211> 1042
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1042)
 <223> n is a, c, g, or t

<400> 1241
 aaaanctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60
 aggctcccggt gctccctctt ttggcaaaact ngtnagtagtac atgactcagt canacaggag 120
 ntctacctca cagncnacnt gtnnnctant ngcnaganag acttgngtca cactaacgtg 180
 gnccacnacc tgccggaaat gcattgttca naacacagaa ngaaatttan gatttttgc 240
 tttctgtgac ngnatngnt tccgtctcan ntcngaggng tnaacngcat gttntntng 300
 ananngcnta tttaacattg attngnanaa ccngggaatt nggctcaaaa nctnggagcn 360
 tganaggaac cttataatga ngcatagngt cattcattat ancgggacca tnganggatn 420
 ctntttcatc ctctctcann gnanaaatca ngacnngggt gcttgtggca nanggnnttc 480
 caacctcggt agaantaact gnattgcang ttcnactccc tcaccgaggn gacctgnttc 540
 ccatctgtct naangagcan aagactngat tgntnncant ggctctaata agnaanaatn 600
 cnncaatttac nacanggtan nggggnnttc nttntttnnn cantctnntc cnnngccatn 660
 canccaccgc anccaatatt tctncttccc tagnnnaaaa antctntacc ttcnctgtna 720
 tntatatntn ngnnngcnn nttttntct tacctntnta nntnccnccg caaggannct 780
 nanaagttaa ntnattgnnt tncatengca ctgcnnctn ntntaacggn nttgntntnt 840
 ggtcccccna ncnantngcc cnnataattn nccnttctnt annntngnan ccannntngc 900
 nnncnnttct nntaggatc gccaccgata nngnatatcc accgnantct cctcncttt 960
 natanngtna gnaacacna cngnntnnaa agnngctctnt cncnacngnt tntnctacna 1020
 nnnttaacat annnggaagn nc 1042

<210> 1242
 <211> 1540
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1540)
 <223> n is a, c, g, or t

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<400> 1242
nncnatattg tgtnattatt tttntntttn nnttnnnnnn annnnnnncc tntctnanan      60

nntcatcnca atnttinctn atctnggnan aatttannna gaccncnatt tgaggnacnc      120

nggantncat nacagtggcg gccgctctag aacgagtgga ttccccggnc tgcaggaaat      180

gtncncacag agggggcntna angttncna ggtangtngg ctncnttggg ngnnttantg      240

tnncannaag gactncacnc anacantttt catgatcagt tcattatnat ttcttttann      300

ttttaaatct nnnantcctc anccactccc tcttnattan nntanatctt nnnnnnnnnn      360

tnttaatntn nacctttttc tctatanntn tctctgtnan ctgnngncncn gtctanncnt      420

tcntantcga gctctntaat tgtntactta ttccnaaac tnngtttctc attccncnc      480

catanannat nntcnntaca tanncgagnc anatttcccn ctttantggn taccttttca      540

nanatatatt gacnacgtct tttanntttt tnnntntcan tcatcancng atnntncana      600

ctantctccc ntnanaccta naacantgtn tnaaanaacn ctatatttac tcnttatntt      660

ataatchnagt gntcngnnna ctognatant cantatngcn nananganct agnngccacn      720

nttnngnnan tatttttngan tctccatntt ntagtcncnc aacttanact aacttttnatn      780

atttctntt gcaacagntn ngcccttntt nntaatnctc tacnttnttt attccaccnn      840

angaccctcc nctantanta acnngatnan gccnttantt nanntactcc atcacntcgt      900

ctactacang aggcnacnc tntgttgant nnnctcntca annntnnnnn tnacctctat      960

tctcntnta ntactttccc nnnaatntac ttntccgtat atntntntt aagancnnct      1020

nntannatga aatannatta tttntattan ctcttctntt tanttctctn cgcatntntt      1080

nncttgaggn gaccncntca tntatnnct ctcnanagnt nttntatnnn ctatnnnnnc      1140

annncntct tactagtana ccaatnnctc agntcggcna tnnttatgtg ccncncncn      1200

ngtccccact acctnaaaac cntnggngan nctnngctnn gnttntgnaa atanaacccc      1260

ccaattnttt ataaacntgn ngncnnntcn ctccctcncn ancnnnttnt acatacncnc      1320

ctctatctta ntcnaanta ngtatccann nacntcgcgt atatataaac ntngnatnc      1380

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tntnctctat natcttaten gtacntcana cnnnacgttn nttncnccga tttaagtnat	1440
tnncncgnnn natcnncgc ancgtctctt atntatctnn cnactcatct anngttacgt	1500
gactntcnat anngtatcta attttnnatt tnattttang	1540

<210> 1243
 <211> 1540
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1540)
 <223> n is a, c, g, or t

<400> 1243	
nncnatattg tgtnattatt tttntntttn nnttnnnnnn annnnnncc tntctnanan	60
nntcatcnca atnttntctn atctnggnan aatttananna gaccncnatt tgagnnacnc	120
nggantncat nacagtggcg gccgctctag aacgagtgga ttccccggnc tgcaggaaat	180
gtncncacag aggggcntna angttncna ggtangtngg ctncnntggg ngnnttantg	240
tnncannaag gactncacnc anacantttt catgatcagt tcattatnat ttcttttann	300
ttttaaatct nnnantcctc anccactccc tcttnattan nntanatctt nnnnnnnnnn	360
tnttaatntn nacctttttc tctatanntn tctctgtnan ctgngncncn gtctanncnt	420
tctantoga gctctntaat tgtntactta ttccnaaac tnngtttctc attcccnnc	480
catanannat nntcnntaca tanncgagnc anatttcccn ctttantggn taccttttca	540
nanatatatt gacnacgtct tttanntttt tnnntntcan tcatcancng atnntncana	600
ctantctccc ntnanaccta naacantgtn tnaaanaacn ctatatttac tcnttatntt	660
ataatchnagt gntcngnna ctcgnatant cantatngcn nananganct agnngccacn	720
nttnngnnan tatttttngan tctccatntt ntagtcncnc acactanact aactttnatn	780
atttcctntt gcaacagntn ngcccttnt nntaatnctc tacnttntt attccaccnn	840
angaccctcc nctantanta acnngatnan gccnttantt nanntactcc atcacntcgt	900
ctactacang aggcnacnc tntgttgant nnnctcntca annntnnnn tnacctctat	960
tctcntnta ntactttccc nnaatntac ttntccgtat atntntntt aagancnnt	1020
nntannatga aatannatta tttntattan ctcttctnt tanttctctn cgcatntnt	1080
nncttgaggn gaccncntca tntatnnct ctcnanagnt nttntatnnn ctatnnnnnc	1140
annccntct tactagtana ccaatnnctc agntcggcna tnnttatgtg cccnccnncn	1200

ngtccccact acctnaaaac cntnggngan nctnngctnn gnttntgnaa atanaacccc 1260
 ccaattnttt ataaacntgn ngncnnntcn cttcctcn cn ancnnnttnt acatacnccc 1320
 ctctatctta nactnaanta ngatttcann nacttcgcgt atatataaac ntngnatnc 1380
 tntnctctat natcttactn gtacntcana cnnnacgttn nttncnccga ttttaagtnat 1440
 tnnncggnnn nactnnccgc ancgctctct atntatctnn cnactcatct anngttacgt 1500
 gactntcnat anngtatcta attttnnatt tnattttang 1540

<210> 1244
 <211> 987
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(987)
 <223> n is a, c, g, or t

<400> 1244
 tnnanaaann ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa ttcggcacga ggccggacac aagggggagc gtggttacct cggtaacgca 120
 ggtcctgttg gtgctgccgg tgcctctggc cctcaaggcc ctgtgggtcc cgtttgtaaa 180
 cacggaaacc gtggtgaacc gggctctgcc ggtgctgttg gtctgctgg tgctgttggc 240
 ccaagaggtc ccagtggccc acaaggattt cgaggtgaca agggagagcc tggtgataag 300
 ggtcccagag gtcttctctg cttaaaggga cacaatgggt tgcaaggctt cccgggtctt 360
 gctggctatc atggcgatca aggtgctccc ggtgctgttg gtcccgctgg tcccaggggc 420
 cctgctggtc cttctggccc cgctggcaaa gacggtcgca ttggacagcc tggtgagtt 480
 ggacctgctg gcattcgtgg ctctcanggt agccaaggct ctgctggccc tctgggtccc 540
 cctggccctn ctggacctnc tggcccaagt ggtggtggnt acaaattttg gtttttgatg 600
 gaaacttnta cagggtgac caancttgct taccaacttt ttttnaaacc caaggattat 660
 gaagttgatg cttactctga aatctctcaa caaccaaact tgaaaaccct tnttacttca 720
 aaaaggcttt aagaaaaaac ccaacttga caatgcccga gactttgana ctcaanccn 780
 cccaaaaatg ggagcaaggg gttactaact ggggaattga ccccttaacc caagggatgg 840
 ncctnttggg ttgccttntt caaaagnata cctggggaaa tttnttttan ttgggggaaa 900
 aacttggnnt tccngggctt caaaccttga aaaaaaattc ccaaatnaa aaaaacttgg 960

gtaccaaaaa aaattttccaa ggggccca

987

<210> 1245
<211> 938
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(938)
<223> n is a, c, g, or t

<400> 1245
aaaagctgga gctccccgcg gtggcggccg ctctagaact agtggatccc ccgggctgca 60
ggngagggna accatgacat acagtgatgc anggaanaan acgaagtgga nggcanaata 120
gctataggaa agcngctgga cttgcaactgg aggagctgga caggtctttt ggtcagctgg 180
tcttgacgcc acacctcttg gtccctggaga gagagaaan aantgctgnt agcanagctg 240
ctgaaacacc tcttncnttc ccnancctct ttcacaaagg catttgaact ctttggcatt 300
ctacacaatc tacacttacg gatcctcact tgacactcgc ctccctctgg ctccccctgtt 360
tcagggcagn anaagcanan ngaggctttt tgtgaaatga aaggcngcat gtnggaaaaa 420
gaatgnctgg gaaataggac aggaaactcc tcttntaaaa agatgggtgt ggggtgacaa 480
ntgcaggcac acctggnntc aanttctanc ttcaatatat gactggctat ggggactttg 540
gnaanantt taaccttctg ggcctcattt ttccnttgga aaangganca aaccctacc 600
ttacangggg ggttgnagg attaaattaa atganatgng tatgtaaagt ttctaacnca 660
gngcctacat attgggggtc ctcaataaaa gggaaccagc agctnaaaaa aaaaaaaaaa 720
annnnnnnnn nnnnaaaaaa aaaaaaaaaa nnnnnnnnnn ttttttncct naaaaannt 780
ttnnnaaann nttnncccc ccngggggtt ttttttnaa annngnnnnn naaaaanntt 840
tttnnnnnnn nnnnnnnnnn nntttntnn nnnnnngggg gggnncccn nccccccnc 900
nnnnnnnnnn nnnnttttn nnnngggggg ngnnnnn 938

<210> 1246
<211> 955
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(955)
<223> n is a, c, g, or t

<400> 1246
naaaagctgg agctccaccg cggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
caggcagcag cctaaatgtg cagactttgt aaccaagccc acccgagatc ggtctgtgct 120
ttcacgtgac caccatctgt gcctccctcg ctccatccaa atttgtgtag gcagctcctt 180
ggagccattc ctaaaaaatat agctacacca ggccctggaa actgtagtca agtaacaggc 240
ttaagtgttt tccctccttg agttaaacct ccattagatc tcttttgagg gacctttcag 300
ctgcaggcat cagtgtgttc tgacagcgag acacgttatg tgtgtgtttt ctatctggat 360
ccagggcatc aggatacagt tcatcttctt gtacttcctc tctggcatgc agtatttctg 420
gactatgttt ataagtctgt ttagtaaagg gtgggataga ggataccaag ggagtttcca 480
agggacagag atggatcagt taacgatagt cagaaatgaa cttaaaagtt gccttgaaaa 540
accaatcaca tcttatcagg acgcatacct ttatgttttc tagctcctgt cgctgaactg 600
gttgctgggt agcccgtaaa tttctataaa tctgctgga ctgagttctc actgtacttc 660
caaagaactt cgatcgnngg tttacatgga catgtatttc aggggagtggt ttacaaaggg 720
cggatgggcc ccatatantt gcctgggnaa atgaaccccg gggangggtc ctttnaaatg 780
ggcnaagnnt tttattaacn cnaaaaaaaaa taaccctttt tgaaaaaaaa ttgggcnggn 840
ncctttgggg gggcgggggt tttntttttt ntggcnnnng gggggtnnag gggnnanaaa 900
aaacaaaggg gtttttttta atttttttng ggggggggggt ttttttnnag gnggg 955

<210> 1247
<211> 926
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(926)
<223> n is a, c, g, or t

<400> 1247
acaanctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60

aggccgccat gggctgtctc ggaaacagca agaccgagga ccagcgcaac taggagaagg	120
cgcagcgcgga ggccaacaag aagatcgaga agcagctgca gaaggacaag caggtctacc	180
gggccacgca ccgtctgctg ctgctgggtg ctggagaatc tggtaaaagc accattgtga	240
agcaaatgag gatcctgcat gttaatgggt ttaatggaga gggcggcgaa gaggacccgc	300
aggctgcaag gagcaacagc gatggtgaga aggccaccaa agtgcaggac atcaaaaaca	360
acctgaaaga ggccattgaa accatcgtgg ccgccatgag caacctgggtg ccccctgtgg	420
agctggccaa ccagagaaac cagttcagag tggattacat tctgagcgtg atgaacgtgc	480
cggactttga tttccctccc gaattctacg agcatgccaa ggctctctgg gaggatgaag	540
gggtgcgtgc ctgctatgag cgctccaacg agtaccagct gattgactgc gcccagtact	600
tcctggacaa gattgatgtc atcaagcagg atgactacgt tgcccagcga ccangatctg	660
ttccgcttgc cngtctctgg acttctggaa tctttgaaac caagttncag gnggacaaaa	720
gtcaactttc ccattgtttg acgtgggccc gccaaacccn atgaaccccc gcaaatggat	780
nccaatgcnt tcaatgaatg ggactggcca ttaatttttn gggggtggcc ancancaant	840
ttcnaaattg gggcattttt gggaaggaaa aacaaaaacc aaacccgcct gggngggaag	900
ggcttttgn aacctttttt aanann	926

<210> 1248
 <211> 1018
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1018)
 <223> n is a, c, g, or t

<400> 1248	
gccnatntgg agctncaccn cngtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggctccca tgctccctct tttggcaaac tgtaagtact gtctcagcaa acagcgataa	120
tttcacaatt tcctctctag aattgctgag agacttgagt caccaaactg ggttcactac	180
tgtggaaatg cattgttcag aacacagaaa gaaatttaag atttctgctt ttctgtgaca	240
gtatttgttt ccgcctcagt tcagagtgtg aactgcaggc tcctggcaag actgctattt	300
aacattgcat gtgagaacct ggtaaatagg cagaaaaatc tggagcttga aaggaacctc	360
agaatgattc atatggtcat tcattagatt gggaccttta agggatctct ttcagcctct	420
ctcagtgcag aaatcaggac aggggtgctt gtggcaaatt gctttccaac ctcggtagag	480

taactgcaat gcagttcact cctcacgagg gagccggtcc cattgttaaa gagcaaagac	540
tgattgcttt attggttcta gaagcaaagc caacttacag aggaagggga tttctttaaa	600
cagcagttca agcaaaagcc agattgaaca aattttgctc cctgaaaaaa attttacttc	660
aggggggagta atattgtggg ntattataat aatcangaat cgtgagaatg atgaaaatat	720
aatgatgcta gccagcttag tccattagta aancactgat tatgtaccac aactgtcct	780
aagtgcttta tgtinnattga acccngtgta aactctcaaa aataaacctt tatggagann	840
gggataccat tattcctcac ttttttaaat gaaanaaact gangggcccag aaaaggnntt	900
tacagtnntt ncacannnta antaacnngt agcaggnggg gncnaggntc caanaacctn	960
ggcntcttaa ctactgngct gncctgcag ngggganccc ntggntngtt ntntccct	1018

<210> 1249

<211> 972

<212> DNA

<213> Bovine

<220>

<221> misc_feature

<222> (1)..(972)

<223> n is a, c, g, or t

<400> 1249

aaanctggag ctccaccgag gtggcgggccg ctctagaact agtggatccc ccgggctgca	60
gganttcggc ncgaggcttg cttctctagg gaagaatcca accgatgcgt acctggaagc	120
catgatgaac gaggtccag ggcccatcaa ctttaccatg ttctcacca tgtttgggga	180
gaagctganc ggcacagacc cagaagacgt catcagaaat gcttttgcct gctttgatga	240
aaaagcaact ggcaccattc aggaggatta cctgagagaa ctgctgacca caatgggaga	300
ccggtttaca gacgaggaag tggacgagct gtacagagaa gcacctattg acaaaaagg	360
gaatttcaat tacatcgagt tcactcgaat ccttaagcat ggagcgaaag acaaaagatga	420
ctgaaggaac ttgagctaaa actttccagt tactttgtct tactctatac tgtttcctag	480
acatttcccc ccacccccca taggcctgtt gcatgcaact ttgattcaca gctttgcctt	540
tttttttttt ttgggggnntt nnattaaaaa cntccngncc cttaacctnt tgtanaanca	600
annngnaagg gggaaaaaat ttnaaatttg tttgaaaaaa aaaattggna aaaaaaann	660
ccnaannngg aacccccngg aanttttaaa aaaaaaaaaa aannnnnggg gggggggccg	720
gncccantt ncccccttan ngggggnnnn nnnnnaannn nnnnnnnnnn nnnnnnnnn	780

nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960
nnnnnnnnnn nn	972

<210> 1250
 <211> 957
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(957)
 <223> n is a, c, g, or t

<400> 1250	
aaaagctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc	60
aggccgccgc cccgcccggt gttaccggta ttgtaagaac aagccgtacc caaagtctcg	120
cttctgtcga ggtgtccctg atgctaagat tcgcatcttt gacttggggc gtaagaaggc	180
caaagtggat gagttcccac ttttgggncn catgggggca agaagaatat naacnanttt	240
tctttnaaac cctngangnt ngccgnatit ggccnacna nnnccctngg naaanntngg	300
gnnaaaanng gtttnanntt ccaangncgg ttcnccctt tcnttnnatt ccnattaaca	360
anangntgnc ttgggctnga nctgatanan tncaaanagg natncncngn gcctttggaa	420
agccccangg cacantggcc anggtccaca ttggccangn cataatggcc attcgcacca	480
agctgcagaa caaggaacat gtgattgaag cccttcgccg ggccaagtgc aagttccctg	540
gccgccacaa anatacacat ctctaaaaaa ntggggattt accaagttca acgcggatga	600
natttgagaa natgnggggg agaaaagcga ctentaccnn acaggtgtgg ggngananac	660
anatctataa tnggggcccc gnggcacaaan ggggggnncc tanactcttg agnanatgag	720
gnngtgcccc tcctttttta attncncacc aaaaaanaag ccgntttttc ttgtggaaaa	780
aaaaaaaaaa aaaaaaaant ncnngggggg gggggcnccg ggncnnaaat ttncccnttt	840
ttatngnnnn gggnnnnnt nntannnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnc	957

<210> 1251
 <211> 957
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(957)
 <223> n is a, c, g, or t

<400> 1251
 gcctatntgg agctncancn cngtggcggc cgctctagaa ctagtggatc ccccggcctg 60
 naggganttc ggcacagggg cagaagggtc gcgaggaggt ggttaccggg gncaattctg 120
 ttgaccaggc cctgattnac ccnnnaaana attcnngttt canccctnnc ccggcttccn 180
 ttntnncttt ggaaaagnan gggaaccant ggntnnntnt ngctttnaac nnttnngccn 240
 atgcttaagn tttngcnnng gncntttnaa annccaatna tttnaatggn gccntnacna 300
 tggantgaac ncccanaatg gagaaaaatg ggannntnnn ggagagaatg gncnaagan 360
 naacnngcct gtcttggaag tggaaaanga gaaantcnag tgtgatcctc atgaggcccn 420
 ntgctatgac aatgngaaga cttacnccnn tnggagaana ctgnnacaaa agantatntn 480
 tnggccnnnt tgctcctgcn catgctctgn aggcnacngg ggctgtngct ntgacacctg 540
 tcgcagacct gnggcttgac cccggaacna aaggttcact tgtncactct actaccaagt 600
 atttcccaga gatccntcan aaaaccacac actnttgtna cctgccncac nnaagncttc 660
 nttgcccttt ggaagtccac gctgncacaa aaaaataccc nngaagtant tattttcccc 720
 ccccaaaaac nagcgnnggt tttttccaag gnccttccna aactgggggg gnggttcnca 780
 aaacccccct ggttnngggg ggncttttnt ttaaanncct ttttttcntg ggaggaaatt 840
 tcttcnanct ttnnnttnaa cttnnnaann ttttttcaaa cattnaaccc ctggggnggg 900
 gttttaaaaa ttttttttcn ttcattnggg nggnancagg tttntttttt ttttnca 957

<210> 1252
 <211> 957
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(957)
 <223> n is a, c, g, or t

<400> 1252
 gcctatntgg agctncancn cngtggcggc cgctctagaa ctagtggatc ccccggcctg 60

naggganttc ggcacagggg cagaaggttc gcgaggaggt ggttaccggg gncaattctg	120
ttgaccaggc cctgattnac ccnnnaaana attcnngttt canccctnnc ccggcttccn	180
ttntnncntt ggaaaagnan gggaaccant ggntnnntnt ngctttnaac nnttnngccn	240
atgcttaagn tttngcnng gncntttnaa annccaatna tttnaatggg gccntnacna	300
tggantgaac nccanaatg gagaaaaatg ggannntnnn ggagagaaatg gnccnaagan	360
naacnngcct gtcttggaag tggaaaanga gaaantcnag tgtgatcctc atgaggcccn	420
ntgctatgac aatngaaga cttacnccnn tnggagaana ctgnnacaaa agantatntn	480
tnggccnnt tgctcctgcn catgctctgn aggcnacngg ggctgtngct ntgacacctg	540
tgcgagacct gnggcttgac cccggaacna aagggttact tgtncactct actaccaagt	600
atttcccaga gatccntcan aaaaccacac actnttgtna cctgccncac nnaagncttc	660
nttgcccttt ggaagtccac gctgncacaa aaaaataccc nngaagtant tattttcccc	720
ccccaaaaac nagecngngt tttttccaag gnccttcna aactgggggg gnggttcna	780
aaacccccct ggtngggggg ggnctttnt ttaaanncct tttttcntg ggaggaaatt	840
tcttcnanc ttnnnttnaa cttnnnaann tttttcaaa cattnaaccc ctggggnggg	900
gttttaaaaa tttttttcn ttcatngggg nggnancagg tttnttttt ttttnca	957

<210> 1253
 <211> 959
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(959)
 <223> n is a, c, g, or t

<400> 1253	
ttnnnaaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg	60
gctgcagggc tgcgagtacc tcatggagct gatgacgcca gctgcctgcc cagagcccc	120
gcctgaatac ccagtggagg ggcacatga tgagctctag ccctgccctg ccctgccag	180
tgcagagaaa tcaagatgtg gaaccagccc ccagtgggtc tccccatccg cccctgagtc	240
tgtggaccaa ggctgccgn tatgggtcac ctcacccacc ccacaggga ggaagcaggt	300
agggctccat gccctgcttt tgggtggcca gtggggcaga gccatgttcc caggccccctg	360
ctgcctccac agatggaata aaggagcctg tctgcttg gccccacac cctgggggcc	420
tggcccgtg tgccccccac ccagggtatc tgccctccct ctaggtgggg aagtgacttg	480

acctgtgacc cccaaacaat aaacatgatc cctccaaaaa aaaaaaaaaa aaaacntgng	540
ggggggcccg ggncccnatt tcgccttatg gggngctnnt anaaannnnn nnnnnnnnnn	600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnannnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	959

<210> 1254
 <211> 943
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(943)
 <223> n is a, c, g, or t

<400> 1254 tnnanaaaac tggactccac cgcggtggcg gccgctctag aactagtgga tccccgggc	60
tgcaggggcg gccggggcca cttcctgtgc ttcgtctacc cgctggattt cgcccgaacc	120
cgcctggcgg cgcacgtggg caagtcgggc agtgagcgcg agttcagggg cctgggagat	180
tgtctggtga agatcaccaa gtccgacggc atccgcgggc tgtaccaggg cttcaacatg	240
tcggtgcagg gcatcatcat ctaccgcgcc gnetacttca ggcatctact acaccgacna	300
gggcatgctc ccngaccca ataacactca catagtgggtg agctggatga tcgcgcagac	360
cgtgacggcc gtggcgggcg tggctctcta ccccttcgac accgtgcggc ggcgcatgat	420
gatgcagtcg gggcgcaaag gagccgacat catgtacaag ggcaccgtgg actgctggcg	480
gaagatcttc aaggacgagg gcggcaaggc cttnttcaag ggcgcctggt ccaacgttct	540
gcgcggcatg ggccggcgcc ttcgtgctgg tcctntacna cnagctcaan aaggtcatnt	600
aggcgccccg tccgcccgcc gggaacggct aacgccatnc cttattggga cggaccaccg	660
acttcnaaaa attcaacgtc cccgcccggg ccgggccacc ccggccgngg ggnntntttg	720
nngggggacc attggnccctg ggtccncccc tttaattggg ggggggggna aaggcaatcg	780
gggggggtnt ccttgggtnc ccaagttnnag ggaanttccc nnaacccaaa cttaaaattc	840

cgggggccttt tgaggnaccc aaccgcggnt ttaaattttt tttttnaaaa aaaaccttgg 900
ntccatttgg acttttaaac cctnttcctt ttttttttgc cat 943

<210> 1255
<211> 973
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(973)
<223> n is a, c, g, or t

<400> 1255
ttnnnnnanan nctggagctc caccgcgggtg gcggccgctc tagaactagt ggatcccccg 60
ggctgcagga attcggcacg aggtgtctgc ctgcctgcct gccactgagg gttcccagca 120
ccatgagggc ctggatcttc tttctccttt gcctggccgg gagggccttg gcagcccctc 180
aacaggaagc cttgcctgat gagacagaag tgggtgaaga aaccgtggcc gaggtggccg 240
aggtacccgt gggagccaac cccgtccagg tggaagtagg agaattcgat gatggtgccg 300
aggaaaccga ggaggaggtg gtggccgaga acccctgccca gaaccaccac tgcaaacacg 360
gcaaggtgtg tgaactggac gagaacaaca ccccatgtg tgtgtgccag gacccaccca 420
gctgccctgc ccccatcggc gagtttgaga aggtgtgcag caacgacaac aagaccttcg 480
acttttcttg ccacttcttt gccaccaagt gtacactgga gggcaccaag aagggccaca 540
aactccacct ggactacatc gggccttgca aatacatccc cccctgcctg gactncgagc 600
tgactgaatt ccccttgccg atgcnggact ggcttaaaaa cgtcctggtc acgctgtacg 660
aganggacga ggacaacaac cttctgaccg anaaacaana agcttngagt gaaaaaaaaat 720
ccacgaaaaa tgaaaaaccg cctgganggt tggcgaacca ttcttngnga aattggtggg 780
ccccgganct ttnaaaaaaaa aattaccaac atgggtccatt ttttccttgg gcccctngga 840
agttnggggc cantttggat caancncccc ccntttgnng gggtnccctt ttttaaaacc 900
cggggntggg cccccaattn gggcncccc cnttttttcc ccangggaaa ccctggcncc 960
ccccccntt ttt 973

<210> 1256
<211> 940
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(940)
<223> n is a, c, g, or t

<400> 1256
tnnnngnnanc tggagctccc cgcggtggcg gccgctctag aactagtgga tcccccgggc 60
tgcaggcagc agcctaaatg tgcagacttt gtaaccaagc ccacccgaga tcggtctgtg 120
ctttcacgtg accaccatct gtgcctccct cgctccatcc aaatttgtgt aggcagctcc 180
ttggagccat tcctaaaaat atagctacac caggccctgg aaactgtagt caagtaacag 240
gtttaagtgt tttccctcct tgagttaaac ctccattaga tctcttttga gggacctttc 300
agctgcaggc atcagtgtgt tctgacagcg agacacgtta tgtgtgtgtt ttctatctgg 360
atccagggca tcaggatata gttcatcttc ttgtacttcc tctctggcat gcagtatttc 420
tggactatgt ttataagtct gtttagtaaa ggggtgggata gaggatacca agggagtttc 480
caagggacag agatggatca gttaacgata gtcagaaatg aacttaaaag ttgccttgaa 540
aaaccaatca catcttatca ggacgcatac ctttatgttt tctagctcct gtcgctgaac 600
tgttgctggg tagcccgtag atttctataa atcctgctgg actcaattct tactgnactt 660
ccaaanaact cgatcggggg gtttacctgg tncatgtatt cangggaagn gtaccnaaan 720
ggnnngatgg gccccattat tttggcctgg gnaaaagaaa ccnngggaag gggttcnttt 780
naaatngggc aaaaattttt ttttaatccn aaanaaaata aacccccttt tgnaaaaaat 840
tngggcntgg gncctttggg ggggcngggg gtttttttn tttttggccn ttngnggggt 900
aaaaggggan taaaaaaac caaaggggtt ttttttacat 940

<210> 1257
<211> 1322
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1322)
<223> n is a, c, g, or t

<400> 1257
gnccctttta ngtgnggtcn nantnangng gggnatnttc tctttttnan cntctcgtnt 60

ttcncctcgg ntctcgcntc ntcnactccc ncatcnatat gtnnacttgt taaccnnt	120
gacgcncgng gcgtgntncc tgnnggggcn nntatagngg tgntcttcta ttgntnannt	180
ntntncgaan atcttntggg nttnnggacc antnaaagan ntntntctnt aagcnccnan	240
tncngntcn tnnntagnna anannacnnn tatcntgctn gcnatgctcg naacnnctnn	300
nnntttnnat gnngtntntaa ntntnncngn nnnngnagtt gnanatnttn gcaatcngcn	360
naaagtgntg agcggnatng ggattgttgn nnnnaccttn ttannannnt cncntntcng	420
anagntngnc agtannntgg antngngggn nnncantnng cacngttggc nagnntggg	480
nagtntntg tnnanntnn ttntnttcgc gncaannncn ncggnttcnc naagtaaana	540
ctntctcagn cncncagant gnngtntatg nttngnnnn ancagtnacg nctgnangcn	600
tangntaaat annacgnag tcgtaatcac ngggntctacn gngnggancc nnannangt	660
ntnnggntnn tctnncngng ttncngaagc cnnngntnn annntnnct aatgtggagg	720
gagtatgnnn tggntaatnt tagnangcct tgtngntngn ccnagntcta ttnnnnntng	780
gnggtgggna nnctancann cnnnggacng antnaagga anagnggng nggtntntg	840
ngnnnnnnnn tttggagggg ccgggtgggg gcgntagnnn gcngnanaat nttngcnggg	900
ntngntagnn aangnncnnn tcncctgcna cagnngntng gnnnggangng annnaanga	960
cnnatnnagc nagnccnngn naantnggcg cagnanntnn nctnnnaggc nnggnngtgn	1020
gntgtagtnc tgnnncnnc cagagnacng anntgcagcg nangtgntna ggannncgga	1080
ancngnnnaa tnagnaccgg tncanntaag cantncntnn nantnnagac gtgcnttgat	1140
agnncntgc ngcncagngc ngcganntaa tatnnganca tagcggancc tcgtatctnt	1200
agnnagctgn angantacct cgnnncngag ntcnancntg tgannnangg agagacanag	1260
cgnggnnnag anatgnnnnn tngtntgtnc gactgagntg nntnatntan agaggtgcgn	1320
cg	1322

<210> 1258
 <211> 1322
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1322)
 <223> n is a, c, g, or t

<400> 1258	
gnccctttta ngtgnggtcn nantnangng gggnatnttc tctttttnan cntctcgtnt	60

ttencctcgg ntctcgentc ntenactccc ncatcnatat gtnnacttgt taaccnnt	120
gacgcncgng gcgtgntncc tgnnggggcn nntatagngg tgntcttcta ttgntnannt	180
ntntncgaan atcttntggg nttnnggacc antnaaagan ntntntctnt aagcncnna	240
tnccngntcn tnnntagnna anannacnnn tatcntgctn gcnatgctcg naacnnctnn	300
nnntttnnat gnngtnntaa ntntnnncngn nnnngnagtt gnantnttn gcaatcngcn	360
naaagtgtg agcggnatng ggattgttgn nnnnaccttn ttannannnt cncntntcng	420
anagntngnc agtannntgg antngngggn nnncantngg cacngttggc nagnngtggg	480
nagtntntg tnannantnn ttntnttcgc gncaannncn nccgnttcnc naagtaaana	540
ctntctcagn cncncagant gnngtnatg nttngnnnn ancagtnacg nctgnangcn	600
tangntaaat annagcgnag tcgtaatcac ngggntacn gngnggancc nnannangt	660
ntnngntnn tctnnncngg ttncngaagc cnnngntnn annntnnct aatgtggagg	720
gagtatgnnn tggntaatnt tagnangcct tgtngntngn ccnagntcta ttnnnntng	780
gnggtgggna nnctancann cnnnggacng antnaagga anagnggng nggtntntg	840
ngnnnnnnnn tttggagggg ccgggtggg gcgntagnnn gcgnanaat nttngcnggg	900
ntngntagnn aangnnnnn tencctgcna cagnngntng gnnggangng annnaanga	960
cnnatnnagc nagnccnngn naantnggcg cagnanntnn nctnnnaggc nnggnngtn	1020
gntgtagtnc tgnnnnnnc cagagnacng anntgcagcg nangtgntna ggannncgga	1080
ancngnnnaa tnagnaccgg tncanntaag cantncntnn nantnnagac gtgcnttgat	1140
agnncntgc ngcncagngc ngcgannntaa tatnnganca tagcggancc tcgtatctnt	1200
agnnagctgn angantacct cgnnncngag ntcnancntg tgannnangg agagacanag	1260
cgngggnnag anatgnnnnn tngtntgtnc gactgagntg nntnatntan agaggtgcgn	1320
cg	1322

<210> 1259
 <211> 1583
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1583)
 <223> n is a, c, g, or t

<400> 1259
 ttgagncna ntaggggggn cgcatnncng gggggcggct cgctcttaga cctagtggga 60
 ttcccccggn nctngcaggg antttntggt naatntgann gagntnttca tncatnttta 120
 ncncnattcc cnaatatnan aaancannng gggccatncc nntntnanna nntgggntcn 180
 tganaacctt attntnngcg annntctnat ctttannnnn aggnnnntga ntnggatgna 240
 ggnannanca natnanntag tcanagaanc tntatgattc ancgatatnn attnacgtta 300
 ctgcgcgnnt ancntgnnn nntnanaatn agacnagaan annganatng acangnnatn 360
 nctnctgtcn naatcnttca tannnnnnnc atgantanc ttagtanacgn tgctnnnnnt 420
 nngcnngtgt nntnctccc tttctcnnag catgncnctc cnnagagtnt annnagnggt 480
 nntnncngt gantaatctg atnntnacc ngtgannngn gacgacnncn gacagngntn 540
 nctagngtgn tanncgannn gnnntngnnc nctnatnnnc nnccgngtan aagatgtann 600
 ctttctncat nganctgnnn nncgangnnn nntgcntaag tngnttcaac ttatntgngn 660
 atnntntnan nctncngtag tcccnatgat aatatntngt atnntgtgt actctgganc 720
 ncnnncngtg gatntantta tcnatnaatt ntccgaangn nntgnggat nnnntncant 780
 nncgttnacn cngtntgatn tnancntcga naganntnc tntatcncn nntanagann 840
 ctnatnnaac nngaannant ngntgnggat tnancnatna gtcntctctg agnangatn 900
 nttnnntcnn naanatnacn atatngnntn ngcngctnc gnanntnna tttgggtcnt 960
 ttnnnannan cgnnnctcnn ttntcngng ngacgngng gcggggnncg agtannangn 1020
 cnnanncnnn tgtccnttg cnnagannn gncnntntgg cntnnnaana nntgaagtct 1080
 accntnnnnn nnatcgant cgatgtgtan ttnaagtnt gtattntca ncancagnnc 1140
 acntggtnan nganntagan gatgntcttc catngataa ncatttngng acgnaccng 1200
 agagtatggn taannatcnn annctgtnan gangacgnan gtacnntng tggtatgagg 1260
 ncngaggacn ganggaanaa agntagaanc natggaggt cgacgtncgn acnnacgacg 1320
 nnanntcnta cngntaggta ntntcngcng aangntctc cngtcncng natctcgt 1380

angtntgnac gncgngaagc gangngatnn atnacnngna nnaacgnaac ttaannnncg 1440
aacgtacgaa ngggacgtac ggncncacgc gaatgaangt aggtgactca cgncncgcgn 1500
tnntannnga nntntngnat aggnccgcncct gnnnnntacn cnacgtcgna cgggaangan 1560
agnaatgncn gaacgnttac gcg 1583

<210> 1260
<211> 943
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(943)
<223> n is a, c, g, or t

<400> 1260
naaaagctgg agctccaccg cgngggcggc cgctctagaa ctagtggtac ccccgggctg 60
caggaattcg gcacgaggac caatgacaaa gataggaata caaagtgtat tagttagcca 120
tcattcttgc actaagcacc agaagacttg aaaaatctaa aaaacaaaaa aaaaatctca 180
ttnaactagg ataattcaaa aggaatatta aatcgataaa accaggactc acatgccaaa 240
gttctcatca gnggacgctc acatnttggg tccttccata taaaacttgg ttgccgntnt 300
atttaaagnc tttttttcaa anattttcat tgngtttctg ntaaanctaa anctntgntc 360
anngccnnta cnaaacangg gacaattctt anactggctt gaaaatcccc ccggnanaan 420
catgngcnac tntgnaanan tttttgntca aaaacattac tgntcgaagc aacnttcctt 480
tctatttctt antgntacna aggaccngca ggganaaatg ncctntcccc ancagngaag 540
actggtatgc aatttacact tgatgctcag gcctgctgaa gctgaggctt acctgtaatc 600
atanccttcc aggggatgaa ntcttcagtt cgtctaataa gtncctaac gagtgtgaaa 660
ggcactttga ggggatttta ttaacaaaaa cttgggttctt ttataaaaac natatattca 720
ttttcccnca tactataaag ccnctgnga cctacctacc tctcaaaang gacctttttg 780
gggaaaaaag ctnacatttt ttaggggaaa aaaggatccc ctttttacct ggggggttaa 840
gatttttttg gnattggggg nccataanan cangtttttt ttcaatgnta ttttaccagg 900
gaaaatcntt tggaatnana accttttacc ccccgacca aaa 943

<210> 1261
 <211> 970
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(970)
 <223> n is a, c, g, or t

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<400> 1261
gcctatctgg agctncancn cngtggcggc cgctctagaa ctagtggatc ccccgggctg      60
caggctgagg aaccccggtg gcagggcaag gttcgggatc atgagttgga ttcctttcaa      120
gattggncag cccaanaanc agattgtccc caaancagtg ganagagant ttgancgana      180
gtttggaaaa ntccancagt tggagnacca aaccaaaaagg ntgcaaaaagg ncttnaaaaa      240
aancncggnc ccnncctgg cntgttttaa ntngntggn aaaatntcnt ngnnntngnt      300
ntccancccc ntttgcaann aaaccagna ntttttnanc ntggnnanng ccttgnnncn      360
agcctnaan nggnnggntn cnttcacca ggaaaagggtg acccaaatcc anagaantgt      420
natngancct tnaaaaaagt tcggcatgtg tgttcccnan tctaaattgg catganaacc      480
ggnggagcca ggcnttgtag nantacaaaa ggggtgtgnac nccagggtgg aaannnccaa      540
gganagggaa aacacggccc nggctctggc caanntccac caggcccgaa aagatttacg      600
ccatttcgga tangnntttg gggccaaaaa acacgcattn ttngntnga nanccgcntt      660
tatacanacc gagtgtggtg tttttncacc ccatttttgg tncnttttan nanaaccaag      720
nggttggtgc tctncttnaa antctgcaca atatttttna gaatttttnn cnccagcntt      780
tttcacccac ccnctttntc tctttgaana acctnngggg aggcgnnaaa aaacggaggc      840
ccagtttttn aananatctt cnnaaccncn tttttcnttg ntgggnanna anaanttncc      900
cctcccggtg ggnaaaantc ttgttganaa naaaacnacc cnccttcct ttntgccct      960
ctttttaaaa

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<210> 1262
 <211> 970
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(970)
 <223> n is a, c, g, or t

```

<400> 1262
gcctatctgg agctncancn cngtggcggc cgctctagaa ctagtggatc ccccgggctg      60
caggctgagg aacccccggtg gcagggcaag gttcgggatc atgagttgga ttcctttcaa      120
gattggncag cccaanaanc agattgtccc caaancagtg ganagagant ttgancgana      180
gtttggaaaa ntccancagt tggagnacca aaccaaagg ntgcaaaagg ncttnaaaaa      240
aancncggnc cccnncctgg cntgttttaa ntngntggn aaaatntcnt ngnnntngnt      300
ntccancccc ntttgcaann aaaaccagna ntttttnanc ntggnnanng ccttgncnc      360
agcctnaan nggnnggntn cnttcacca ggaaaagggtg acccaaatcc anagaantgt      420
natngancct tnaaaaaagt tcggcatgtg tgttcccnan tctaaattgg catganaacc      480
ggnggagcca ggcnttgtag nantacaaaa ggggtgtgnac nccagggtgg aaannnccaa      540
gganaggga aacacggccc nggctctggc caanntccac caggcccgaa aagatttacg      600
ccatttcgga tangnntttg gggccaaaaa acacgcattn ttngtnnga nanccgcnt      660
tatacanacc gagtgtggtg tttttncacc ccatttttgg tncnttttan nanaaccaag      720
nggttgggtg tctncttnaa antctgcaca atatitttna gaatttttnn cnccagcntt      780
tttcacccac ccnctttntc tctttgaana acctnngggg aggcggnaaa aaacggaggc      840
ccagtttttn aananatctt cnaaccncn tttttcnttg ntgggnanna anaanttncc      900
cctcccggtg ggnaaaantc ttgttganaa naaaacnacc cnccttcct ttntgcccct      960
ctttttaaaa

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<210> 1263
<211> 976
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(976)
<223> n is a, c, g, or t

<400> 1263
ttnnnnaaaa gctggagctc caccgcgggt ggcggccgct ctagaactag tggatcccc 60
gggctgcagg ttctgttaa ctcttaataa acttacacat gcaagcatct acaccccagn 120
gagaatgccc tctaggttat taaaactaag aggagctggc atcaagcaca caccctgtag 180
ctcacgacgc cttgcttaac cacacccccca cgggaaacag cagtgacaaa aattaagcca 240
taaacgaaag tttgactaag ttatattaat tagggttggt aaatctctgt ccagccaccg 300
cggtcatacg attaacccaa gctaacagga gtacggcgta aaacgtgtta aagcaccata 360
ccaaataggg ttaaattcta actaagctgt aaaaagccat gattaaaata aaantaantg 420
acgaangtga ccctacaata gccgacgcac tatagctaan acccaaactg ggattagata 480
ccccactatg cttagcccta aacacagata ttacntaac caanttntt cgccagagta 540
ctactagcac cagcttaaaa ctcaanggac ttgngggggc tttatattcc tttntaaagg 600
agcctgttnt ataatcgata aacccccgat aaccctcccc aatttttggt taaaacaggt 660
atatatcccg gctnttttta ggaaaccctt aaaaaaaaaa aaaaaaacc tggggggggg 720
ggcccggggn cccaaatttc ccnttaagg gggggnnna nnaannnnnn nnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn 960
nnnnnnnnnn nnnnnn 976

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<210> 1264
<211> 946
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(946)
<223> n is a, c, g, or t

<400> 1264
tnnancaaan ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggcc gtgacaaaat gtgctcctgg tcaaaaagtg cccgaccatg atcgannctc 120
nccttcatgt caagactacc gatggttact tgcttcgtct gttctgtgtg ggttttacta 180
aaaagcgcaa caatcanatt cggaagacct cttacgcca gcaccagcag gtgcgccaga 240
tccgcaagaa gatgatggaa atcatgaccc gagaggtgca gacaaatgac ttgaaagagg 300
tggtcaataa attgattcca gatagcattg gaaaagacat agaaaaggct tgccaatcta 360
tttatccact ccatgatgtc ttcgtagaa aagtaaaaat gctgaagaag cccaaatttg 420
aattgggaaa actcatggag ctcatggtga aggtagtagt tctggaaaag ctctggggat 480
gagacagggt gctaaagttg aacgagctga tggataccag ccaccatcca agaatcggtt 540
taaaatgcan actcttaatg gggacaaata aaanatctta tttgnggttn nnnnnnnnn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ntnnnnnnnn nnnnnnnntn 660
gggggggggg gggggccccc cccntttttt ttttgggggg gnnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnn 946

```

```

<210> 1265
<211> 954
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(954)
<223> n is a, c, g, or t

<400> 1265
tnnagcccta tcnggagctn caccncngtg gcggccgctc tagaactagt ggatcccccg 60

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ggctgcagga attcnnngcn aggntnagnn ntangntgnt ggggggggntn nntgngtggn 120
 ggacnggggn gggnatanna nnnncnnttn tnganccnng ngcttgngctg catctncngc 180
 ncnggagatg aacnntatatt acaatgnctt agattnnnnn nntgtnnttc tantttcnnn 240
 nngcctgnan cngnanangt nngangcntn nnncaatgtg nagcaggacc atgatacnac 300
 aggcttggan atggaaggtt tgtnaantcn ntnttancca tgtgagcngg cnttggaenn 360
 cntagnatna anaagtcgna tgnagtaacc nngncgnaat gctgngggac ctgaaccnnt 420
 catactgact gtgcttanna gnnngngntcn atgatncngg cntcnanncc ccccccagc 480
 atggnnncnc cctanannna ngtagcangc ttgnnanatc tnnncatanc gccgaccgga 540
 ncntattcac tccnaacag atggatncat nnnnttaanc gctgtnggcc ggnntgngctg 600
 anagtcnaa cncnaacctt ngaacntnga acttngctggc agngaataa nnttacctng 660
 tcccatnttg annanggaat gatcagatta aanacctgna agtggngaa aaaaatgact 720
 antaangggg accccccnc ctgaatcncg aatgaatttg tgcacttggg cggaagaaa 780
 ctcanatgg nttcctnaat cntagnccnc cncgcttga aagaaaaact tggnaattggg 840
 gnaagggact tcanntttt cnggnnaaa aatnttcctt natgnaacct tgnnggtatt 900
 tgttangaaa aanaaaaaaa aaatttnaa nggggggncc ngaanttga nttt 954

<210> 1266
 <211> 1028
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1028)
 <223> n is a, c, g, or t

<400> 1266
 ttagnccctt nttnnggggn ngnttngcag gnggcggccg ctctagaact agtggatccc 60
 ccgggctgca ggcagnatcc tanatgtgct nactttgaaa ccaagccan ccgagatcnn 120
 tctggactgg attngantga aaactggcna taaaatccgg tacaactcac gggagacgac 180
 attggagaag aaccaagctg ggtctatang aagcaggctg ggtctatgag aagtggncctt 240
 aacatgcaaa ccactttttt aagnagccnn attacaatga anacatcact actgtaatgc 300
 ttgnnccatg atgtnanttg ctnantatca gactgagacc cancnataaa tatanancgt 360
 tgnaaaaana aaaaaaana cctggggggg ggannatgcc ctnatttacc nctggcatgc 420
 agtatttctg gactctgtct ctaaggtggt cctgnagaac anggatntcc acgttgactt 480

gtnccttgngg ccgggntgnc gncctgcang taggcctttt gnatctngnt naccttngtg	540
actaagagan caagaattnt catttngcgt tattnggacc cttntaanc tatttaaagc	600
tnnttgggat aannaatcct caatTTTTtT aaanttggnc cagntnntnt ncaatgggtca	660
gggaatcTtt tcnntngtng ctggaannac tttcttttTna atgggngnta anaaagtTna	720
ngcnantggTn ntcnntttttc anantTnang tnnananncc tngtctatct tntntttttcc	780
ccgtccctgg tncngtctan ccccccnnntg ccttcctTna tgtctggnaa anacctagan	840
tttcnctttt tttataaatc ttactngcct tttttttggTn ggtTnccttt cgtantnaaTn	900
ctcttgttct gggTnctntc tnnaccctnan nncacacacn naattctngt gcctttttttt	960
ntctgtgnat nntnngtant tttcttccat ntTnccnaga tatctTnnag ncttanntan	1020
gtgTttcc	1028

<210> 1267
 <211> 1002
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1002)
 <223> n is a, c, g, or t

<400> 1267	
gcctatnngg agnngcatna cagtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggaattcg gcacgagggc tgacaatgac atcgagctg tctcaacgac agggcacggt	120
gagagcatcc tgaaggtgaa tctggccaga ctgcgctct tccacgttga acagggaaaa	180
tcactagaag aagctgccaa cgcactactg ggtcatatga agtcaaaggt caagggcgta	240
ggtggtatca tcatggtcaa caaagcagga gagtgggagg tgaagtggac ctccacatcc	300
atgccctggg cagcggcaaa ggatggcaag ctgcactcgg gaattgactt cggcgacacg	360
agcatcattg acctgtccta aacccccaga agctgtattc tagaaactag cttggagggtg	420
acgcacggtc tcttggcgtg gagacttagc ttcacatcaatt agatctagaa atagaaaaat	480
tctgcagcct gtcactcgtt ttgttgctt gatcagtgtc tgggtggggg cgggttccaa	540
agtgtgtgag aaatgccccat gttaagataa aaataagacc agtgaagatg accaactcca	600
cggagcctcc cttatgaata gtccccattg tctgagatta gaaagaagaa acagcaagat	660
cttaacagta aagaaagggc ctgatgcag ggaacggttt tggagttggg ggacctacag	720

cagtaacaga agcttgtagg ttcaagggtg ttgggggggtt cggaagaaaa aggctctggg	780
gcangaccca gtgcanggca caacaaggca ggaaggaccn agtggggacnc ggtgaaaggg	840
gacncggcan ncagaagtta atgggaacac tggatggtgc anaactcatt tcanagtccg	900
gaagaacntt tggccaaaag aaaccnnaaa aaactnggtt tgnttaaaaa agngaaaant	960
tnntttgact taccaanaca aacngttttc caaaagcttg ga	1002

<210> 1268
 <211> 1018
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1018)
 <223> n is a, c, g, or t

<400> 1268	
ttnnncannn ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg	60
gctgcaggat nttgtngaag atgagcgggt ggcagcgaca gagccaaaat caaagccgga	120
acctgaggag agagtgttcc agaaggaagt gtntcttct acntcaccac acctgaaagc	180
anagcctgat ccagccacag agatggcagc tgagtcaactg ccttttcctt cggggcactg	240
tccagctggn agctggaagc ctggtatgag gacctgcagg aggtgctgtc ctcaaataaa	300
aatcggggga cctgtgtttc accccctgga aacanggagg aagaatcaaa aagcttcacc	360
actcttgacc ccgcctctnt ggcttggnnt actgaggagc cnggaccacc agaggtcaca	420
cacacctccc agagcctntg ctctccagag tccagtcaga nctcnctgnc tcaggaggaa	480
naagaggaan accngggaag acccagaacc ggacacagag nggccagtcc ccatctcggn	540
ctggcaagcn ncgcatgaag gaaaaagaac aagaanatga gaggantgtg gcncagcttg	600
ctgaagaaaa tgaaccactt caacangaaa tcgagcccct gaccaaggaa agtggaggcn	660
ctcgccgact tttaatgacc ggatggttaa tctgccccca gcattgaacc ggttgggacc	720
catctctttc attttcaggc cactttctga ncctttggtg ggaagttttt actggccncc	780
gtnncccn gn gccaannnc ntacccaac ccttnttttt tntttagggn nggggaaaaa	840
accttagggt ncaaaaaaaaa aaaaaaagggn ccctaacgng ntnatttaan annggccctt	900
tttttttttt tttggccctt ttncnnnna agngngnttt tntnaaaaaa aaaaaaaaaa	960
aaaaaaaaana agnggggggg ggggggcccc ccttncccn ntttncccn tttnnnt	1018

<210> 1269
<211> 953
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(953)
<223> n is a, c, g, or t

<400> 1269
caaagctgga gctccaccgc ggtggcggcc gctctagaac tagtg gatcc cccgggctgc 60
aggtgctata gtgtaaattg aaaaaagaat aggtaatttg ctttgtagac acacaaaaat 120
gtaatgatgg tgctaatttc ctggtaaaaa taagcactgc caaggggtga aggactgggtg 180
acttgagaaa cctanaatcc tgtttgggag gaaganatct catgtcttaa tttcctcgag 240
gttctgntag ganaagg nag agccttggtg agtcctgcac ccgaccctgg ggngatccnn 300
tgcnntccaa aagcngaata cncnctnngn gcnnangaag gaattctttg antttctnaa 360
ggctgggtgnt acctgncca cancctncgt ccacactggc tgaacaggnt ggtanaaanc 420
nccangngng gganctncct tanatacctt ntgccccact nccttttnac tnttctggga 480
ncacctctat tggttatgaa gactaaggat attatttctt aaggaagtgg aaagagttta 540
ttttaattaa aaatccacag cctgggcaga aacatttcct atcaacataa gcccaaaata 600
gcacatgtgg ncccttttct atagntactt tcctgtgact ctcaaaacat nangctcttt 660
ntnggcttna ngnntaacac ntttggaat cccccaaac ctttntcaga tannaagggtg 720
agcccccggg gcacgaagcn ccaaaatgat tggggctggtg gggttntaa acaccncann 780
ggngggggca gnaaaaaanaa ggcngnnntc cannannntn aaaanncccc gcctgcccc 840
tgtggccctn ttagnggaa aaaagttgaa aaaanngggc gaantngccn ccncnccan 900
gaagcctcct tggaanaaac aacnttttn ttaanncntt ggnnnnaaaa aaa 953

<210> 1270
<211> 993
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(993)
<223> n is a, c, g, or t

<400> 1270
naannctgga gctccaccgc ggtggcggcc gctctagaac tagtg gatcc cccgggctgc 60


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aggatttccg gcacggggtc caattanagt aacactggcc aacttttgaa atgtntgnca 120
gccncggnt tctcttgggg gntttttaat taccncctt ggggtcttnc nggtgnangn 180
nnggtnaagg nccnggnctt ttaanggnnc ancnttnatn acccggnng naaaanccga 240
anncnaaaaa gnagnagnag nagnagttaa acncttnat ntntttngaa agcnntctng 300
ccctngnann ggnngnnagg gtncccnaaa aaaagngaan cntggtngtn gtnnacatta 360
aaattannnt naccantacc attannatga ntattanata ttanatatta nanacacant 420
ttngataga gagaanttaa canaaaagct ccccgataa ganaatntng tgctcagata 480
ctctccanca caaatgctc acnnaatcnc gccnnaatgt ggaagantct caacccngt 540
gcacccaat anaaaggnga cganatntnt ttaaaacang agaaancacc ccgaacacnn 600
ntanganna tntctgtgt aanacatttn agcacaatg cngcgcncnt ntataaaang 660
gtgtnttctt tccccccagt ggtgggcccc cgnntntcat ttttnttga agaaaaattt 720
tccgnattga ctagaccaag aaggctnctt ntnaantntt ttnttangtt gggaggaaag 780
actntttttt taaaaataa ctttaaanc agctttnttt aaaaaaant ttccgcnta 840
tttntttttt ttttaacaac aaganaaacn ngcctggccc ttntttttta ttgcaggagg 900
ggggnactnt tcccttcccc ccnttggttn nangttggtt ccacntttc ttttgttca 960
anaaantttt tntcccaann tggcctnttt tan 993

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<210> 1271
<211> 993
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(993)
<223> n is a, c, g, or t

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<400> 1271
naannctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60
aggatttccg gcacggggtc caattanagt aacactggcc aacttttgaa atgtntgnca 120
gccncggnt tctcttgggg gntttttaat taccncctt ggggtcttnc nggtgnangn 180
nnggtnaagg nccnggnctt ttaanggnnc ancnttnatn acccggnng naaaanccga 240
anncnaaaaa gnagnagnag nagnagttaa acncttnat ntntttngaa agcnntctng 300
ccctngnann ggnngnnagg gtncccnaaa aaaagngaan cntggtngtn gtnnacatta 360
aaattannnt naccantacc attannatga ntattanata ttanatatta nanacacant 420

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ttnggataga gagaanttaa canaaaagct ccccgataa ganaatntng tgctcagata	480
ctctccanca caaaatgcgc acnnaatcnc gccnaatgt ggaagantct caacccngt	540
gcacccaat anaaaggnga cganatntnt ttaaaacang agaaancacc ccgaacacnn	600
ntangannta tntctgttgt aanacatttn agcacaatg cngcgcnont ntataaaang	660
gtgtnttct tccccccagt ggtgggcccc cgnntntcat ttttnttga agaaaaattt	720
tccgnattga ctagaccaag aaggctnctt ntnaantntt ttnttangtt gggaggaaag	780
actnttttt taaaaaataa ctttaaanc agctttnttt aaaaaaant ttccgcnta	840
tttnttttt ttttaacaac aaganaaacn ngcctggccc ttntttttta ttgcaggagg	900
ggggnactnt tcccttcccc cnttgggtt nangttggtt ccacntttc ttttgttca	960
anaaantttt tntcccaann tggcctnttt tan	993

<210> 1272
 <211> 995
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(995)
 <223> n is a, c, g, or t

<400> 1272	
ttnanaaann ctggagctcc accgcggtgg cggccgctct agaactagt gatcccccg	60
gctgcaggaa ttcggcacga ggctcgtgng agtgacntcg nntntaaacc ctgcgtggca	120
atccctgaen caccgccgtg atgccaggg aagacagggc gacctggaag tccaactact	180
tccttaagat catccaactt ctggatgatt atccaaaatg cttcattgtg ggagcagaca	240
acgtgggctc caagcagatg cagcagatcc gcatgtccct ccgcgggaag gctgtggtgc	300
tgatgggcaa naacacgatg atgcgcaagg ccatccgagg gcatctggaa aacaacccgg	360
ctctggagaa actgttgctt cacatccggg ggaatgtggg cttcgtgttc accanggagg	420
acctcactga tatcagggac attgctgctg gccacaagg tgccagctgc cggccgtgct	480
ggngccatan cgccgtgtga agtcccttnn gncaacacag aacacttggg ntgggggcccc	540
gaaaanacct tctttttccc nggttttngg cantaccacn aaaaatcttc angggcccca	600
attgaaatcc tgagtgatgt gcagctgatt aagacaggag acaannnnnn nnnnccnnnn	660
naanccccnc ttgntgaaca atgctgaaaa atttnccccc tttttctttg gggcttggn	720

attccancan ggggtttgga aaatgggnan nattttacaa nccctgaaag ngctttgaca	780
ttaccaaagg aaaactnttg nantttcccc ntttcttggg angggcgtnc cncaaagt	840
tncccagcgn ggngnccttg caaaattggg ttaçcccaaa cccggnggna tttttggncc	900
ccccnttttt nttaattnaa ngggggncca aacccccgnc ccngggtttt ttgntngggg	960
gnnaactgat taacnccctt tnccctttg ggtgn	995

<210> 1273
 <211> 956
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(956)
 <223> n is a, c, g, or t

<400> 1273	
nncaaanctg gagctccccg cggtaggggc cgctctagaa ctagtggatc ccccgggctg	60
caggaattcg gcacgaggat acttcttttt ttgaaaaat aattgactct ttataaagt	120
atcttttaaa ttaataatgt gcataagttt gaacagagaa aacatttaat taaaaatgat	180
actgcatctt ctaaaagggt ttttcagata catttatagt atatcaaggg gcttcctcac	240
tggctcagcg gtaaagaatc cacctgcaat gcaggagaca tagaagactc aagttcaatc	300
ccagggttgg aaagatcccc tggagtagga agtncccact cttgacaggt tcctctcttc	360
catggacaga ggagcttggc gggcagcagt tcatagggtt gcagagagtc agacacaact	420
gagcaggacc acgagcatag tatattaaac atgctttggc tcatcaacaa cccatggcca	480
gtatggtagg ccaactctga tttacaggaa gatatcaaac tttcggcaca aaagcttttt	540
acagtcttta agnggttttc attttcatgt aaaaaataag tngcatttga tagtttatat	600
tgggggcttt tganccttan cttgctggag ttgaaatta tttcctgact cataagnata	660
atctctntta atattaanct attattgctt gaanaaccaa ggttacaggt cttttctcaa	720
tttcttnac cttnggtnaa ccnccaaaa nggganccag gggattttga anggaaaaaa	780
ggaancnctt gttctggttt tgggttaaac cntttttttt gggagttggt tgcnttaant	840
tgccggcaag nccccngggg gcnttacctt taanggggan ccctttggnc cccccanccc	900
aaaaaggaat gggnaangag ngntccctgg aaaaataaat taaaannann nccccn	956

<210> 1274
 <211> 1043
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1043)
 <223> n is a, c, g, or t

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<400> 1274
ttnaaanncn atctggagct ccaccncggt ggcggccgct ctagaactag tggatcccc 60

gggctgcagg aaaaaaaaaa aaaaaaatTT tggggggggg nccggncccc nattttncct 120

gtgggggggag naatntanaa gcggtncctn nntcctgntc catgntntna anaacnntcn 180

ngtcccnttg cctgnacagg aggaaccctt gnnatatncn caccctcctt tgtctgntta 240

agcattannc tgctaataga gcggnctgac ctgttnatcn agngatacat cctcgcggtc 300

agggattcctt ggngctgggt taacgnncct gactgnntat tgctgntgaa nctgcactac 360

natctnnagn atcaatanan cnttnttggt actttccacg cttnctgggg gnnantgggc 420

cnttctcntg cctgtaccnc ctagggnnng taanaacata aanantana tnntttccct 480

tgtggcctta ctttccataa ttttccnggn ccccccttgg nttgnttgn tttcccttcat 540

antggccttt ngngctccct ttccanncna gngnaaaaga aggccncgnt gnttaanaaa 600

tgaccctttt tnttccggcc anttttancc ngggggaaag gnantccncn ccnnnaccg 660

gggnaacntn ttttttccca antaannnta aagntnnngg gnaggtttcc ccccttccgg 720

tnggncccg aataaaaggg ggttntttcc aannccangg naaccaanc tngttgtnc 780

tttctnggn cccccctga nngactngct taaaaangcn ncntntntt tttccccccc 840

ccccccccc cccccccct ggggaaatna nntccccccc cccccccccc cccccnntt 900

ccnaancntt tctttttana aanaaagggn ggnagccntt tttcccttaa ttttcccc 960

ctntggacan cnaaaaggg ttttttctct tttccccccc tttnttttt ttttttngga 1020

anccccnnc tnngggttcc cct 1043

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<210> 1275
 <211> 944
 <212> DNA
 <213> Bovine

 <220>
 <221> misc_feature
 <222> (1)..(944)
 <223> n is a, c, g, or t

 <400> 1275
 ttnngectat nnggagnngn atnncagngg cggccgctct agaactaagt ggatcccccg 60
 ggctgcagga attcggcacg aggctcgtgt gagtgcacatc gtcttttaaac cctgcgtggc 120
 aatccctgac gcaccgccgt gatgcccagg gaagacaggg cgacctggaa gtccaactac 180
 ttctttaaga tcatccaact tctggatgat tatccaaaat gcttcattgt gggagcagac 240
 aacgtgggct ccaagcagat gcagcagatc cgcatgtccc tncgcgggaa ggctgtggtg 300
 ctgatgggca agaacacgat gatgcgcaag gccatccgag ggcatctgga aaacaacccg 360
 gctctggaga aactgttgcc tcacatccgg gggaatgtgg gcttcgtggt caccaaggag 420
 gacctcactg agatcagggg catgctgctg gccacaagg tgccagctgc cgcccggtgct 480
 ggtgccatag cgccgtgtga agtcactgtg ccagcacaga aactgggtct ggggcccag 540
 aagaccttct tcttncaggc tttaggcatc accacgaaga tcttcagggg cacaattga 600
 aatcctgagt gatgtgcagc tgattaagac aggagacaaa gtaggcgcca gccgaagcca 660
 cgcttgntga acattgctga acattttccc ctttttcntt nggctggnca ttccacaagg 720
 nggtttgaaa aatggcagca ntntacaacc ctgaanngct tnnentnncn aaangaaan 780
 nntttgnatt tccccctttc ttggnggggc gtnccccaat ggnttncna ccgggggnc 840
 cttccaaaat tgggttancc ctaaacccgn ggggattttg ggncccccatt tttttttat 900
 tnaaangggg gnccaaaagc cccgttnctt gggnttttn tttt 944

<210> 1276
 <211> 992
 <212> DNA
 <213> Bovine

 <220>
 <221> misc_feature
 <222> (1)..(992)
 <223> n is a, c, g, or t

 <400> 1276
 gcctactgga gctncaccgc ngtggcggcc gctctagaac tagtggatcc cccgggctgc 60

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aggcacacgc caggagcgct gggctccagc cttctcacgc aggtggcttc tcaaggagct 120
accaccgtgt gtgagctcca gagtaggtgc agatgttttc atcacatctt ccacgttggt 180
gacactgtct taccttctca agttcccca gttcccgaga gctttctcct ctgctatgca 240
ttttgtcttc acagcgcagc ttgcagtccc ttgctaaaga tgattataag ctctgcatag 300
tgttaagctt tattgtgggt atgtgtatgt ttcttcttcc tttgttaagc agaccacac 360
ctttccaggt caaagtacag gatagagtgc tatccttcat ctttaccatt tcttttactc 420
cgtttaaaga cttcagaagt ctaatccaga gttgagccaa ttcagaattg actgtaattg 480
aacacaggct aaaagtattt atggggggag tgacttttag catgagtttt ctgatttttg 540
tagctgctaa ccttttaaat ctttatttgc agttcatgta acagttgtct taaattacat 600
gataaagcag tcctgttcaa tttttttttt aatgtggctt gtagaatttt taataaatga 660
gcttangtct gttttttcat gtggaatgca gatgggtgct atcaaagcct ctccccatc 720
actatagngt aataatatta ttacacccca ctgaaatgga ttcaaaacta anattttttt 780
tatngttaac ctttattgggt tctttcaaaa gnggtggcaa atgtaccgan tggaaacctg 840
gttcttggn c tggaatatat aaacccttc caaanggggt ntttttgggg gagaaaatgg 900
gggggggagat ttttcntaaa anaaagaagg cnggatcngg tnatcntcna ntttttactt 960
gggcccttaa atnttttttg ggggggatnc ct 992

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<210> 1277
<211> 1064
<212> DNA
<213> Bovine

```

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<220>
<221> misc_feature
<222> (1)..(1064)
<223> n is a, c, g, or t

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<400> 1277
tttaagccna tntggagctc caccncngtg gcggcccgtc ctagaactag tggatcccc 60
gggcttgnag ganttnngnt cgaggctttt attgagacca cccaaggacc ccaggggacc 120
cacacctggt gtnacggtat ccgtggttct cagccccana atggtgggct tgntttccca 180
gccccctgct gtccccacca agggacaggc cntctctgt gccctgcctg ggatggagga 240
ctcgatcatn aaatacnacc tcctttaaac atccanccct agtcntcccc ancccagagc 300
ctgagggtca tttganagga agtgaaagt gcntgcntca atggacagna ctcaaaaanc 360
ccttttataa aggatattta atatcngnc cccagcttng tggcngggtt canttttctg 420

```

gccaggntaa agtntggctg ggcctacnct gccntgacat ctctctgact gttaccacac 480
gagctgagtg cagtgganna atgcggcctc ttttntgcc aggagngcaa aagtgccaaag 540
cngttgttcn acacacnann anatinncgtn ttncanantg tngnaccacc naccaactat 600
gacataacga cntctgtaat ntntntaaaa aaaatatatt ttgggngctg tcttgaaaaa 660
aaaaaaaaaa aaaanntcnt nngggggggg nncncnacc tenttaattc tgcttttnna 720
gngggnantt atntnaaaaa tntntctttn tnaccanttt ttancannn gtttcnttnn 780
cntnngtgtn attttntnt nnnacnnacc nacntncan aattnnngcg tttccancct 840
ctcntnnntc cntcnntncn tgntnntnt tatttcngaa catantcatn ttcttccttc 900
ncttcnnnca taacntntnt ncnncnnntt ncttnttatt ctnnttacan tcctnaanca 960
aannnantan aatttatntg nnaangntcc ctatntnttn nntantacnt ntcanattcc 1020
acnttattan atcatnattt ntctcttccc tcanannct nccc 1064

<210> 1278
<211> 961
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(961)
<223> n is a, c, g, or t

<400> 1278
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caggaattcg gcacgaggcc ctcatctccg gaccacactc aggttcctgt tctttggtgc 120
cgagtccagg ggateccact ctgtctcatc cgtggcctct gctggtcctg cccagaggcc 180
agcactcagg agactcctgc aggggttgca cctggcccag ggcacctgca tttgcagatt 240
tagtttccca attctcctct tggtagcaag tcgcttctcc tacatctgnt taaangctgn 300
attcacctna cgctgganct ntganctcac aacttgctt cccgcccgcc tccccctncc 360
cagcgtttga ccccgaaagc cctctgaggc aganaacaga aatgccagan caccgcctt 420
tttatggggc actcttcana aagtctctga ggccctgaaa agaagaacta cntnatggaa 480
accattttgc ancctncanc acgggcattt atctnaataa tcatttcatt taaaatgtgg 540
gtcaaacata taaatcatat cttgaaagaa agnatTTTTg tgccacagaa atcgccctgt 600
gttcttacca cctaatttga aaaatgtgtt ttgaagtcan gaaagaaagc caaacaagcc 660

tgnngcctgg ggtgtttttt cccacatgc ncccttttct tttcnttgtgt ngcccaaaaa	720
nnanntcccc cgctcctgng ccaaaagggn gcgggggagn nccncacccc tgaagntagg	780
ncacctcttc tgcgnatntt aaaanctccc ctccctttnc anaanaaagg gggttgggga	840
aaccccgaag ggnngccggc ntccctcaacc tggcgcctca ttaccctngg gnccccncc	900
gaccccctgg ngacaagngg tttcanttan naaccccnnt ntttttngcc cttaaaagcc	960
c	961

<210> 1279
 <211> 1345
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1345)
 <223> n is a, c, g, or t

<400> 1279	
nnncnnnncn nnnacnnnc cttnttant nnnntnnntn nncctctcnc ntannntcc	60
ctcanttcct tnnntnctt ntntntnann gnntngnnat nagtngctaa tatcnctttt	120
gagnannct ggagctccac gcggtggcgg ccgctctana actagtggat cccccgggct	180
gcaggaattn cggcacgngg ttcaattaaa gtaacnctgg caactttgaa aangngtgta	240
cagccaacgg nttctcttgn gggctttnnn aatnacacca cctgtggtct tacnggntga	300
agtgtggttc acggcctgtg catntcatng gaccagcact tantanccgt gnangaagat	360
gcagagtcnn aanaggagga ggatnganga ngtgaaactc ctgagaatat ttggaaaagct	420
gttcttgccc ctgnanatng gntgcaaggt tccccacaaa taaantgaat cttgcttgnt	480
tgatgaaana tnaagatnat gattgacnat gacnattgat tgnatgatga tcanananga	540
nntatgattg accgattnct tgattgannn aanncnttna gantaaatnt ttncangtnn	600
aaagaaaactc tgtacccaga atacntccta nncnaaaaat ngcaccannt natcngtttt	660
natanaatnn nagntnacct caaaantact cggtnnannc ncccanttna ttcnaaaaag	720
ggntcncnta anttcccttt ccantaaann tccnngggaa caataaacnn cccggnannt	780
nccaccttna aaagnnacc ttancctcct ggnntcann nacntttnaa cagngcanna	840
taagnttggc cnngcccatn ggtnattnca aaaacntana gggnggggtt ttnccttttt	900
ccccaaaant nnnnttnant ccncaanntn ntnttcgna ntccattggn nntaatnaaa	960
tntggnntnn ccggnantng acctggnacc canggggaann ggcnattnn anaataanch	1020

ttctaggcnn aatnggnaaa gnaaanaccc ttctttttaa caataaatat tctcttttnna	1080
accagcnttc nggnaacaaa naanatcttn ccantttctta nattncaaat tntactnnnn	1140
aanccgannt cngnantnta ctccncanng ngnnncnattt ntgtcatnac gaccggcgta	1200
gggagtgenc taaatattnn ttctctcgtn acaccccgtn nntagtgaat taantanngt	1260
agtcggnncc acacgatcta nctctntnng ctctntnta aanantntgt ggtctnactg	1320
tnctnaacaa ncnagggtnt gntcg	1345

<210> 1280
 <211> 1345
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1345)
 <223> n is a, c, g, or t

<400> 1280	
nnncnnnnnn nnnacnnnnn cttntttant nnnntnnntn nncctctcnc ntannnnntcc	60
ctcanttcct tnnntnctt ntntntnann gnntngnnat nagtngctaa tatcnccttt	120
gagnannnct ggagctccac gcggtggcgg ccgctctana actagtggat cccccgggct	180
gcaggaattn cggcacgngg ttcaattaaa gtaacnctgg caactttgaa aangngtgta	240
cagccaacgg nttctcttgn gggcttttnn aatnacacca cctgtgggtct tacngngtga	300
agtgtgggtc acggcctgtg catntcatng gaccagcact tantanccgt gnangaagat	360
gcagagtcnn aanaggagga ggatnganga ngtgaaactc ctgagaatat ttggaaaagct	420
gttcttgccc ctgnanatng gntgcaaggt tccccacaaa taaantgaat cttgcttgnt	480
tgatgaaana tnaagatnat gattgacnat gacnattgat tgnatgatga tcanananga	540
nntatgattg accgattnct tgattgannn aanncnttna gantaaatnt ttncangtnn	600
aaagaaaactc tgtaccaga atacntccta nncnaaaaat ngcaccannt natcngtttt	660
natanaatnn nagtnnacct caaaantact cggtnnannn ncccanttna ttcnaaaaag	720
ggntcncnta anttcccttt ccantaaann tccnngggaa caataaacnn cccgggannt	780
nccaccttna aaagnncccc ttancctcct ggnnttcann nacttttnaa cagngcanna	840
taagnttggc cnngcccatn ggtnattnca aaaacntana gggnggggtt ttnccttttt	900
ccccaaaant nnnnttnant ccncaanntn nttnttcgna ntccattggn nntaatnaaa	960

tntggnttnn ccggnantng acctggnacc cangggaann ggcnaattnn anaataancn	1020
ttctaggcnn aatnggnaaa gnaaanaccc ttcttttaaa caataaatat tctcttttna	1080
accagcnttc nggnaacaaa naanatcttn ccanttctta nattncaaat tntactnnnn	1140
aanccgannt cngnantnta ctccncanng ngnnncnattt ntgtcatnac gaccggcgta	1200
gggagtgenc taaatattnn tttcctcgtn acaccccgtn nntagtgaaa taantanngt	1260
agtcggnncc acacgatcta nctctntnng ctctntnta aanantntgt ggtctnactg	1320
tinctnaaca ncnagggtnt gntcg	1345

<210> 1281
 <211> 967
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(967)
 <223> n is a, c, g, or t

<400> 1281	
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ctgcaggaat tcggcacgag ggcgagacga gcgaggcagg aacgtggacg tcgggtctct	120
cgtttgacc gcgaagacac ctctnctgca angatggtca ncgtnccata anccccgagg	180
actttntgta anangngtgg aangcntcan cctcncaang ngacccagtn taanangggc	240
aaanattccn tgtntgcccc gggaaagagg cnctntgatc ggaancaaag nggntncggn	300
ggncaancca anccantttt ccggangaag gntaaancca ccaanaagat cgtgctgana	360
cttgattgag ttgagcccac ctgcanatcc aanaggatgc tggccattaa naggngcagg	420
ctttttgaac ttggaggana taanaagaga angggccaag ggatccagtt ctaagctttg	480
gaatcctttg gtncttangt ttgganaana aaatgttgaa gttacaaaaa aaattgcctg	540
aatganaata aatnccgcga ttttcctact tnnnnnnnaa aaaaaaaaaa aaccttnggg	600
ggggggcccg ggcccccaatt tccccntata gggngnnnnn tnnnnnnnnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960

nnnnnnnn

967

<210> 1282
<211> 951
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(951)
<223> n is a, c, g, or t

<400> 1282
tnnnacaaag ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atcccccggg 60
ctgcaggaat tcggcacgag ggtccttctg gccccgctgg caaagacggt cgnattggac 120
agcctggtgc agttggacct gctggcattc gtggctctca gggtagccaa ggtcctgctg 180
gccctcctgg tccccctggc cctcctggac ctctctggccc aagtgggtgg ggttacgagt 240
ttggttttga tggagacttc tacagggctg accagcctcg ctccaccaact tctctcagac 300
ccaaggatta tgaagttgat gctactctga aatctctcaa caaccagatt gagacccttc 360
ttactccaga aggctctagg aagaaccag ctgcacatg ccgagacttg agactcagcc 420
accagaatg gagcagtgg tactactgga ttgaccctaa ccaaggatgt actatggatg 480
ctatcaaagt atactgtgat ttctctactg gcgaaacctg catccggctc aacctgaaga 540
catcccagtc aagaactgg acagaaattc caaggccaan aacatgtctt gggtangaaa 600
aactatcaac ggnggtaccc antttgaata taangttgaa ggantaccnc caaggaaang 660
gctacncact ttgcctttat gcgtntgctg ggcaaccatg ccttttnaaa cagnnccttt 720
ccaattgcan naaccnnngt tgnanccctn gaangaagga aactggcaac ctggaaaaag 780
gntggcattt ttgcaagga tcccatggat gtccaaactt tgtggcccn gggccaacca 840
gcanaattnc cnttaccctg gttnttggga aaaggggtgg ctttnaaaaa naaaaaatgg 900
aatgggccaa aaaaaaatt tttnnnttt tnaaccnnnc cnngnccct t 951

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<210> 1283
<211> 987
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(987)
<223> n is a, c, g, or t

<400> 1283
ttnannaaaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg      60
ggctgcaggc ttgctgagg gtcacattga gctcccagcg acttcagggg catcttttagg      120
agtcagcact atggcagaag acatccaggc caaaatcaag aactaccaga ctgctccttt      180
tgacagccgc ttccccaacc agaaccagac caggaactgc tggcagaact acctggactt      240
ccaccgctgt gagaaggcaa tgaccgctaa aggaggtgat gtctccgtgt gtgaatggta      300
ccggcggtgt tacaagtccc tctgccccat atcctgggtg tcaacttggg acgatcgccg      360
ggcagaaggc acgtttcctg ggaagatctg aactggctcc atcccacctc ttctgtcctc      420
cgtcctttctc cccagggtgg tgaaggggga ccggggtaca tggatgatccc caccctggga      480
tcttgactca tgggtataact aataataaat gctcgttgga aacgtgaaaa aaaaaaaaaa      540
aaaaaanttn gggggggccn gggccncaa ttccccttnt nngggggtgg ttttaannnnn      600
natngnnnnc ncnnngnccn nnggnncnct tnnntcntac tanantngnn nnnnnnnnnn      660
gntnnnnctn angnnnnngn nnnattnnnn tttttnnnnn nnnnnnnnnn nnnnnnnnnn      720
nnnnngnnnn nnnntttnnn nnnncnnanan nntnggnnnn naaannnnnn nntnggnnac      780
ttggnnttnc nntnnnnnnn nannnnntnn nnnntttgcc caatanaaaa gccntttann      840
nccnaaacc nngnnnnnttt nccnttgntt ttnnnnnaaa nnnnnaantt nnnnnnnncc      900
nggggggnnn gnnnaantnn ttnnnnnnnc nnnnnnnncn nnnnnnnnnn naaaannnnn      960
naancggggn cccnnnnnng gnnnnnc                                     987

```

<210> 1284
 <211> 960
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(960)
 <223> n is a, c, g, or t

<400> 1284
 ttnnanccta tntggagctn cannnncngtg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcagga attcggcacg aggaatanng agagtgcagc tggcataagc tgacccanga 120
 gngccacana acgaatgctc ctgccttccc atggagactg catgacctca tgtntgtgga 180
 gcgcattagg gtccttgagt aaaanggaaa aaaaaaaaaa aggttcctgn tgctctnatt 240
 tntanntacn cngtnnactn nngtgggnaa accanganntn nntngccngc ttntttcnng 300
 agtgngtttt ttgttgntcn acaaaancng gangntatnn gcttncnca naantngnnn 360
 nnaanggaan actatncttg ncctattata cctncantga aacngngacg gtgnaantna 420
 tnccttttagg nntnnactac acaaacttgc cnaannatnn cctnctctga naaaggagga 480
 attccncngg gatgntggan gnancgnang ntggccaccc cacantattt nngantacgn 540
 ttntnatgng tcnttcnttg gtctnggaat ntntcncnnc cnccaattnt gtngacacan 600
 nnccatttcn atgtntntcn gtccttttcc ctgcnctnnt ttgggtgagg ggnttcttta 660
 anggggggccc tntgcggngg gagcnccttc nccccccccc cttggacaaa ctttttttaa 720
 aaangggcnag gnggggcctt tnttnttttn cccttttnacc cnggggggna attnnggntg 780
 gtttttccng accnttnacc nngggnnnnnt ttgnanaacc nccccccccc cataggaggg 840
 anaaaaancn tttccntttt cccanccctg gngaaaaatt tttttgggcc cttttngggn 900
 cccaaaaatt ccctttaaac caaaagtgtg tttttggnaa acccttgana ttgccctttg 960

<210> 1285
 <211> 1011
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1011)
 <223> n is a, c, g, or t

<400> 1285
 ncnnnatctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct 60

gcagggtgaca atgatcttat aatattcttg acccttttta tcatctttca actaaaagtt	120
tcaaaacaca acttttatca caatccagaa ctgacaccaa caaaaatatt aaaacaaaac	180
acccttgag aaacaaaatg aacgaaaatt tatttacctc ttttattacc cctgtaattt	240
taggtctccc tctcgtaacc cttatcgtag tattcccaag cctactattc ccaacatcaa	300
accgactagt aagcaatcgc tttgtaacct tccaacaatg aatacttcaa cttgtatcaa	360
aacaaataat gagtatccac aattctaaag gacaaacatg aacattaata ttaatatctc	420
tgatcctatt tattggatca acaaacctac taggcctatt accccattca ttcacaccaa	480
caacacaact atcaataaac ctaggcatag ccatccccct gtgagcagga gccgtaatta	540
caggattccg caataaaaact aaagcatcac ttgcccattt cttaccacaa ggaacaccca	600
ctccactaat cccaatacta gtaattattg aaactatcag cctttttatt caacctatag	660
ccctcgccgt gcggttaaca gctaacatca ctgcaggac acctattaat tcacctaatc	720
ggagggagct acacttgac taataagcat tagcacttac aacaggctct aattacattc	780
accattctaa tcctactaac aattctagaa gtttgagta gctataatcc caagcctatg	840
tattcctctt ctaagtcagg cctatatctg natggacaac ccataatgg ccncacccaa	900
actcatggct tatcatatag taaaacccca agccccttga cctttttaaa nggagctttg	960
ncttggccct ttttaanaac atccgggcct taaccattgg gaanttcacc t	1011

<210> 1286
 <211> 996
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(996)
 <223> n is a, c, g, or t

<400> 1286	
ncnatttgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc	60
aggaanttcg gcncgaggtt ccagatggcc cgaagtccac aggcagattc agaatcagct	120
ggaagaaatg ctgaagtctt ttcacaacga gctgctcaca cagctggagc agaaggtgga	180
gctggactcc aggtacctga gtgctgccct gaagaaatac cagacggagc agaggagcaa	240
aggtgacgcg ctggacaagt gccaaagtga gctgaagaaa ctccgcaaaa agagccaagg	300
gagcaaaaaac cccagaagt actcggacaa ggagctgcag tacatcgatg ccatcggcaa	360
caagcagggt gagctggaga gctacgtgtc cgacggctac aagaccgcc tcaccgagga	420

gaggcggagg ttctgcttcc tgggtggagaa gcagtgtgcc gtggccaana actccgcctg	480
ctaccactcc aagggcaagg agctgctggc gcaaaagctg ccgctatggc agcaggcctg	540
tgcccgaccc caacaagatc cccgaccgcg ccgtgcanct tgatgcagca gatgggcaac	600
agtaacggct ccatcctccc agcgggtcttt cggccttcca agtccaacct ggtcatctca	660
gaccccatte cagggggccaa agcccctgcc ggtgcccctt gaacttggcc cnatttgtgg	720
gggcggntgt ctgnccaaga aaaaccccc ccttattgaa tgggggtttc ggncccaaca	780
ggggangact taccaccctt tgggcttgac ccgnagggcc ccccccanc c aaattccant	840
tcccccccg ntttttnaaa aacangnttg ggcntttttt ttttnnaana ttntttcngg	900
gnannaaaan nngggcccn aaaaaaant tccccccna ttgaaaaaa aaanctttct	960
ttnttnaact tcatgggccc cggccggaac ncaact	996

<210> 1287
 <211> 965
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(965)
 <223> n is a, c, g, or t

<400> 1287	
nnanantgg agtccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggcttctg tggaanaana aagctttggt ccacaaccta tttcccgact agancantgn	120
ggnatnnatg ccantgatgn gaagaaatng gaagaantg gatttcatac tgtanaggct	180
gntgcctatg caccnaaaaa nganctacnn aatattaagg ggatnagtna nncnnagct	240
gatacaattc tnaactgaggc agctaaatta gtnccnatgg gtttnaccac tgcnaactgag	300
ttncnccaaa ggcgatctga gatcatacag attactactg gctccaaana acttgacana	360
ctgcttcaag gangaattga gactggatcc atnacanaga tgtttgaga attncgaact	420
gggaagaccc anatctgtca tacattggct ggnacangcc aactcnccat tgaccgacgt	480
ggaggtgaag gaaaggccac tgtgcattgn caccnaagg acctttaggc ctgaacggct	540
gctatcagtg gctgagagat atggcctctc tggcagagan gtccnngata atgnatcata	600
tgcccgangg ntctcacaga ccaccngacc cagctccttt atcnngtnnn ctgcnanna	660
ngggttgagt gncagggtat tgcacctggt taatttgtag anaggngcca ctgnacctct	720

anagaaacgn gactnttttn ggttncangt gaannttttn aaccanggc atattccact	780
tttggtcggg tnttcttgta ggattgcctn ttnngcgaac ttgggnnggt naaatttngg	840
ngggnnncaa ggngngnatc cccccacccc cnggggngng nccccagagg nntgngngca	900
agccctngtt tgncttceng antncnaaaa aaaacccttt ttnnggggaa antattaatt	960
tgttc	965

<210> 1288
 <211> 1598
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1598)
 <223> n is a, c, g, or t

<400> 1288	
nannncgang nnnnnanntn nnatanattn nananannan nntntnnnnc nanccnnccn	60
tctntctntn natatgggat tcttangan ctcnatatng gagngnggan cgaggnaaca	120
tctctntttg agnccctnag ngagtngnat tacagtngnn ntnccttctna aaactagcgg	180
atccacang ngntggntag gatacacccn cangaggccc tnnntgnccc ttnnagcaag	240
gtctnggggc cngggggcat cnggggnaca cagacngggg ggacntctat agctnacngc	300
aanantatnn tnttagcana actgtttagt cncncatggc gntnactgnc nnatcacant	360
ccnatnnnnn anctttctgn tctngntntt tnnagcntat annttgnnct ttcgtaatnn	420
tntnnntnnn cnnnnagann ganacnanat nnaactcncg ctntctgac acccganagt	480
cgatnaanga tagnatTTTT ntnatacntn ncgcntnnn ngntcgnana cttgntcntn	540
tagagtntnt ncannngac ttttntana tantnaatnt nnnntagtat ngtananant	600
cacncangnn acnccatnan ananngcntc nnntnanttc ngannataca tgatanangt	660
ntcaattgnt gcttgantct tctnnatnnn ancnatcgaa gnntttnnac tatnncttta	720
nannnccann tntntcactt nanttnncnn nnattagann nnnnnnatn tgagngtaat	780
tnnnatctna ttatttncna tattncttcn anctnctnnn antntgtnnn angangttgt	840
nnnnntnnnc aantcnnana ntncctttcn tattnncata ntnatgntgn ccaatcntnn	900
nacctnaanc acncncttat tnnctnncng ctatgctncn acntctantn actatannac	960
gtatcntnct ttnntcgccn cntacncnt atatatcttc ntattctcnn cttncctnaa	1020
ncnnntnnn atntagnata tencctnctg ancctccnan tgantantac ctcnacnata	1080

ncatactntg ncntnantct caattgcann gnntanatcc nnncntatga gaacatccna	1140
cctnnaaaag tnttatantt gntattgtan tgatcnatnt tataantncn ntttaantna	1200
ctatgatnnn tatccntccg ttangatgan cgnttnnnntn tcnnactgcg tatntagttc	1260
cnaactnnat ngatnacgta tnnanntcac tntnntgact gnnncntacc tcntnntncn	1320
ctnntntngn annganatga acntcgcant nttanntngc nttatcactn tnatctnaat	1380
gtatntacna cngngngatg tantaancta tnttatnttt ctatntatnn tngatcnatg	1440
acanntntng gatnctagcn ntntnnntnta cctcnnaccg ctcgttncta ntntnnnaac	1500
tatngatnnc atnattagna cgtatntacn tatgntaana ncnatangac tntcatgatc	1560
tattgtatnc atntnnncana ctgaatnnna nntntntg	1598

<210> 1289
 <211> 1598
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1598)
 <223> n is a, c, g, or t

<400> 1289	
nannncgang nnnnnanntn nntanattn nananannan nntntnnnnc nanccnnccn	60
tctntctntn natatggnat tcttangan ctcnatatng gagngnggan cgaggnaaca	120
tctctntttg agncctcnag ngagtngnat tacagtngnn ntntttctna aaactagcgg	180
atcccacang ngntggntag gatacacccn cangaggccc tnnntgnccc ttttagcacg	240
gtctnggggc cgnggggcat cnggggnaca cagacngggg ggacntctat agctnacngc	300
aanantatnn tnttagcana actgtttagt cncncatggc gntnactgnc nnatcacant	360
ccnatnnnnn anctttctgn tctngntntt tngacntat annttggnct ttcgtaatnn	420
tntnnntnn cnnnnagann ganacnanat nnaactcnnog ctntcntgac acccganagt	480
cgatnaanga tagnatTTTT ntnatacntn ncgcntnntn ngntcgnana cttgntcntn	540
tagagtntnt ncanncngac tttttntana tantnaatnt nnnntagtat ngtananant	600
cacncangnn acnccatnan ananngcntc nnttnanttc ngannataca tgatanangt	660
ntcaattgnt gcttgantct tctnnatnnn ancnatcgaa gnntttnnac tatnncttta	720
nannnccann tntntcactt nanttnncnn nnattagnnn nnnnnnnatn tgagngtaat	780

tnnnatctna ttatttnena tattncttctn anctnctnnn antntgtnnn angangttgt	840
nnnnntnnnc aantcnnana ntncctttctn tattnncata ntntatgntgn ccaatcntnn	900
nacctnaanc acncncttat tnnctntcng ctatgctncn acntctantn actatannac	960
gtatcntnct ttnntcgccn cntacnccnt atatatcttc ntattctcnn cttncctnaa	1020
ncnnntnnn atntagnata tencctnctg ancctccnan tgantantac ctcnacnata	1080
ncatactntg ncntnantct caattgcann gnntanatcc nnnctatga gaacatccna	1140
cctnnaaaag tnttatantt gntattgtan tgatcnatnt tataantncn ntttaantna	1200
ctatgatnnn tatccntccg ttangatgan cgntttnntn tcnnactgcg tatntagttc	1260
cnaactnnat ngatnacgta tnnanntcac tntnttgact gnnnctacc tcntntnctn	1320
ctntntnngn annganatga acntcgcant nttanntgc nttatcactn tnatctnaat	1380
gtatntacna cngngngatg tantaancta tnttatnttt ctatntatnn tngatcnatg	1440
acanntntng gatnctagcn nttnntnta cctcnaccg ctcgttnta nttnncnaac	1500
tatngatnnc atnattagna cgtatntacn tatgntaana ncnatangac tntcatgatc	1560
tattgtatnc atnnnncana ctgaatnnna nntntntg	1598

<210> 1290
 <211> 988
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(988)
 <223> n is a, c, g, or t

<400> 1290	
ttnanaaann ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg	60
gctgcagggg annntgncta ncncccagaa nngnctncan acngcggnt ccganccnta	120
cactttggac ggaantgtnc caatgantac ntggaaactgn tgnaccncgn nctgctgn	180
ctgtggangc nannncana ttgangannt cacttnacng gncactcaa gcgtgnggct	240
ggatcattta ctgacntcat cnnggttgn naggccatga aggnaacaga ttggngnac	300
ncacaggacc ccacagtcac tgntgagaat gaactcttgg gagccaagnt tgccattgag	360
gttganncca ttaagctgga ccacntgatt cctcggacca nncctangga ggcggncaag	420
tncttgactt tgangaccat aatcctggaa actttcaatt tccatcnagg aagncaccac	480
cgctggaga aggctgcctc atctgnacaa aaggacctgg tggnccangg gaagggtgct	540

ncaattcagc caactcactt gttgatggaa gtggtcccaa ggnccatattt ttttttgccc	600
ggatggtgga ttggggcacc atcaacctgn gngaggaaaa nnattgcatt ttggtccaag	660
ggccccccct ccctggaaaa ngcttntttt attaaaccaa ggaagggttnn cgttttttnaa	720
aantnccacn ttatttgga ccctgccang ngcaaagggc cggaccccng acttttgaaa	780
ggcaatggaa accgggtttt aagggttggc cggggaancc ccattnaaac cnggnccttt	840
nnaccaancc tgggggaang gngggcccn aaagggttg gnnccntttt taaaaaacc	900
gggnaaacg gaanccctng gggggttnaa agaaaaaaa agngtccggg gggcanttgn	960
cccnaattt ttttttgcc ccaggana	988

<210> 1291
 <211> 919
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(919)
 <223> n is a, c, g, or t

<400> 1291	
aaanctggag ctccaccgcg gtggcgggcg ctctagaact agtggatccc ccgggctgca	60
ggcgtaggtt cagnggcgct gaancggnng cgtggggctt ttaggttctg tagctggtcg	120
caatggcaag caaaggaggg tacatcgtgc ttgggctcct gttcctggct gtcctctgcc	180
aactcgggtca cagcctgcag tgctacagct gtattaacca agttaactgc acttcaatcg	240
tcaattgttc acataatcaa gatgcttgtc tcttcgttaa ggctgtgccg ctaaaatttt	300
accaccagtg ttggaagtac gaagaatgca gttttgagtt cattgcaaaa gccttagggg	360
agaaggagct ccactatgac tgctgccaga agaacctgtg taacaaaagt ggcgggagga	420
gcgtatccga naagatactg ctgctgctca ccctgctgct ggaggcagtc tgccactttt	480
atcgctaaat ctatgccagg agggcttctc ctgaatatcc tgttctatct attccttcct	540
tcgggggatg ctgggttcca aangcttttt attttccaac tggatcctgg ttaatcnttt	600
ccctgtggga nanactaaaa ctaagcttga ccacttgaat aatagaggaa ctcaaaaaga	660
ctntgaanac catncttttg gcanaaaaaa ctggttgaat tgaaaaaagt taaaaangaa	720
ccggggtnan ttgagtgana agacanggtc ntactttgcc ctttgggggg gcaacntttc	780
aaggaccact tganggactt gtttttcaat ncttaaaacg tttccctttg ggtncnggg	840

aaggaaataa nggggaacaa nccttttttn ggggaacttg gggccagggg gggtcnnnttt 900
 taaaaaantt tttttnnaa 919

<210> 1292
 <211> 966
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(966)
 <223> n is a, c, g, or t

<400> 1292
 tnnnnaaaag ctggagctcc accgcggttg cggccgtctt agaactagtg gatcccccg 60
 gctgcaggaa ttcggcacga ggctggacta cggaagcga ctggcgagg ccagcaatta 120
 gaaactcttg gttctgggtg caaaaaccga gttaggaggc tcaggcatgc tgcgtcccaa 180
 ggctttgacc caggtgctaa gccaggccaa cactggagggt gttcagagca ccctgctgct 240
 gaataacgaa ggatctctgt tggcctactc cggctatggg gatacagacg cccgggtcac 300
 cgcggccatc gccagtaaca tctgggcggc ctacgaccgg aacggaaacc aagcgtttaa 360
 tgaagacaat ctcaaattca tcctcatgga ctgcatggag ggccgtgtan ccatcacgag 420
 agtggccaac ctgctactgt gcatgtatgc caaggagacc gttggnntcg gaatgctcaa 480
 ggccaaggcc caggccttgg tgcagtatct tggaggagcc tctcacccaa gtagcagcat 540
 cataatgggc gttggtggaa acctgggatt canaagaatg agatgaccat gtggtnaggg 600
 cacggcttcc ccggggaaaa ctttcctgga cttgttgcaa gaaaattgga gtggggggga 660
 ctttgttctt nccaanaata aacttcaact gctgtctcaa annnnnnnnn nnnnnnnnn 720
 nnnnnnnnn nnnnnnnnn nnnntttng gggggggggc ccgccccccc ntttttttct 780
 tttntnngg ggggnnnnn nnttnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 840
 nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 900
 nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn nnnnnnnnn 960
 nnnnnn 966

<210> 1293
 <211> 972
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(972)
 <223> n is a, c, g, or t

<400> 1293
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 gctgcaggan ttgctgangn nnacattgag ctngcnagcg acttcagggg catctttagg 120
 agtcagnact atggcagaag acatccaggc caaaatcaag aactaccaga ctgctccttt 180
 tgacagccgc ttccccaacc agaaccagac caggaactgc tggcagaact acctggactt 240
 ccaccgctgt gagaaggcaa tgaccgctaa aggaggtgat gtctccgtgt gtgaatggta 300
 ccggcgctgtg tacaagtccc tctgccccat atcctgggtg tcaacttggg acgatcgccg 360
 ggcagaaggc acgtttcctg ggaagatctg aactggctcc atcccacctc ctctgtcct 420
 ccgtccttct cccaggggtg gtgaaggggg accggggtac atggtgatcc ccaccctggg 480
 atcctgactc atggtataac taataataaa tgctcgttgg aaacgtgaaa aaaaaaaaaa 540
 aaaaaatttn gggggggggc cgggacccaa attccccntt atngngnnnc tttnttaaan 600
 nnnnncccng atgggnggna tgnnnnnncan caactanctn tgtnaaggnn tntccnnttg 660
 cnnncttttn ncanggnntn nnnccnttnc catnnanaaa ccttnattnt nnttcnnnnc 720
 nnnncnnnnn nnttnnnnntt nnaaannnnc nnnnttcttn nttnnnnngg nnnnggnntn 780
 nngnncnnan cnnnnnnntt ttnannnnnn nnnannnnnn ntttnnngnt tnnncnnnnn 840
 nnccnnnnnn aannnnnncn tntnanaacc nngnnnnnaan gncnnnnccn naaanngttt 900
 naancttttt naannaannn ngnnnanntt nnnnncccn nnnntttnnn anngnanaan 960
 aaanntnnnn gg 972

<210> 1294
 <211> 999
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(999)
 <223> n is a, c, g, or t

<400> 1294
 gccnatntgg agctncatcn cngtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggaattcg gcacgaggag ctgagagttc gagagctacg ggaccccaaa gacagggctg 120
 ggccctggca ccctgcgcgc cccgacccaa cacttaggcc agaccatggg aacccaaaag 180
 cctcggatac tgccctgggt gatatctcag ctggaccgag gggagttgga gggcgtggcc 240
 tggctgggcg agagccgcac gcgtttccgc atcccttgga agcacggctt gcggcaggat 300
 gccagcagg aggatttcgg catcttccag gcctgggctg tagccagtgg tgcctatact 360
 cctgggaagg ataagcccga cctgccgacc tggaagagga atttccggtc tgccctgaac 420
 cggaaggaag tggtgcgttt agcggaggac cacagcaagg actcccaaga cccacacaaa 480
 atctatgagt ttgtgaactc aggagtcagg gacatccctg agccagatac ctctcaagac 540
 aatggcagac acaatacctc tgatacccag gaagacactc tggagaagtt actgagtgc 600
 atggacttga gcccaggagg gccctcgaat ctgactatgg cctctgagaa gcccctcaa 660
 ttctttgcag agtcccgact caagacatcc ctgctctttt gcccaaactc gggactcttc 720
 tgaaaacccc cttgaacagc tgttggcaaa cgangaagat tgggagttcg aggggactgc 780
 tttttaccgg ggcttgncaa atctttccan caanactgtt ttctgccctg ggggcctggn 840
 gnttggngg gatnanaagc aggggacagg atcttgcttg ggcaanctta tacnaattgc 900
 cggacccttg gangtncctt gacagaaaaa naacngana anaatacntg ncaacgtggt 960
 gcttaactgc tngggccggg gggcttggcc ttgtggcng 999

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<210> 1295
<211> 972
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(972)
<223> n is a, c, g, or t

<400> 1295
nncaaagctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct    60
gcaggggttan gttingagtct gtattggaca aataagcact atgcttttca aatgattgga    120
aaatcatttt tatttgcctc ctttttttga cagtggtttg actttttggt tgtttaagta    180
aaaatcacta aacttgtgca atggtagcat ggaaattatc tgagggtgtct tgtatgatng    240
tgctttggcc aggggtggaca tagttcaaat tgtaanagct gaagataaaa gaggaagaag    300
gtataggttc atgctgccta tttanaagag aactttcatt cttcagagct acataacatg    360
ataatgccac tgattcataa ggggttttaa ttaattctat ggggtaggac accagaatca    420
ttagtggttca ttntcatcta nggtttttat ctctctaacg ttcttggcct attgaaacat    480
ttcagtatac aaaaatactg cgatgttaat acccaagana aaagccatca tantgtgtat    540
gctggtcatt ttgatcagtg tggcacaatt ttttaaaaat aaactatcan gcccttcaaa    600
aaaaaaaaaa aaaaaaccng gggggggggc ccgcccccca nttncnnntt aanggggggn    660
nnnaaannnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn    720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn    780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn    840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn    900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn    960
nnnnnnnnnn nc                                                                972

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<210> 1296
<211> 948
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(948)
<223> n is a, c, g, or t

<400> 1296
aaaagctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60
aggaattcgg cacgaggctt cgctggggtc tgagccgagc cgaggcctgg ctgctcccgc 120
cgcccacaag ctgctgtcac cgggctctgc acagacaggt agagggcacc gaattccgga 180
gcgccctacag cctggacaag ctgtacccgg aatcgcgggg cgcggacacc gcctggaggg 240
tcccgggcga cgcaaagcaa ggcaacgatg acattcctgt agatcgcttg acgatatctt 300
actgtcggag cagtggctct gggggccaga acgttaacaa agtgaactcc aaggctgaag 360
tcaggttcca cctggcaagc gccgactgga tcgcagagcc cgtgcggcag aagatggctc 420
tcacgcacaa aaataagatc aacagggcgg gagagctgat cctcacgtct gaatacagcc 480
gctatcagtt ccgaaacctg gcagattgcc tccagaaaat tcgagacatg attgccgagg 540
ccagccagcc agccacagag ccatncaaag aagatgctgc acttcagaaa ctcaggatag 600
aaaacatgaa tcgcgaaagg ctccgaaaaa agagaataaa ctctggcatc aanaacnagc 660
aggagggctg gtaccggact tgaaaagcac ccccttcga gccaagcaaa aancccttnc 720
angggcaccc cangtgggtc cggacaccaa gganaacggg tgtctngttc gtgtcaactg 780
gtcgnctttt acnnngggaa accgtgcna agaaagggcc cttcnggaaa cccaaangtt 840
gttaagcccc ttgtnccccc aggnntttt taaaggggaa taacgtgggt tttaanacc 900
ttcgntnatn catnggcctt ggttttantg gcaataaaaa ttcttaan 948

<210> 1297
<211> 974
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(974)
<223> n is a, c, g, or t

<400> 1297
gcctatanng agttgnatta cagtggcgcc cgctctagaa ctagtggatc ccccgggctg 60

naggaaattc ggcacgaggc cctggtgccc ctttagcacg ggcttggggc cgtgtcgcaa	120
caggggcaca cagtgtgggg gacatcaaag cgccgnaaac catggccttg caaaccgttc	180
cgccccgcnt ggggtcctgg ggnacccccg ccnntggnag cntcntgntc ntgntttttt	240
gcntnggtng ggttnnacnt tcnaggncn aggntgnaaa cnnggaanng gtttttttna	300
cntaaanngn ncannnnann tngnggaacn tgtcttggn naagcntnac ntnacngtct	360
tcttcccaag ggccnggggg gnacnaaaaa aaaaggcntg ccccnngggg nggaaggcca	420
aattgngaa taaaaacttt ttttttatat aagnatgtgg aacntgaagg cttgtgtgaa	480
cgggncctgt tngcncacc caaataaaaa antgnanaac tganattctt ttcatatanc	540
aagangtgca tnttttaaag cgnaaantgt anaanttata cccnnagggn nnaccacn	600
cttttataga gcnnagann ttttttttt tntacgnccc ctgtggnat atncacaagg	660
gaaatgacnn ttctgtgcac accgaaaaaa ttttttanaa aaaancncca aaggngcggn	720
ggtggaanan tcncagggg tgttcctctn atnncccntn ttttgnnggg gaggaaggga	780
ccnttttnt ananagggcc cttgttanac cctgtggat nnttttgccc tgcnttaacn	840
ngngggtnt tttccgcccc nnatgaacnt gggtantact ttnnnaaaat taaanannng	900
nttttttttn aannaacccc ccccnngnaa nntgntnggn nnggnntggc ccnnccnnnn	960
anaaaanatt tgtn	974

<210> 1298
 <211> 974
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(974)
 <223> n is a, c, g, or t

<400> 1298	
gcctatanng agttgnatta cagtggcggc cgctctagaa ctagtggatc ccccgggctg	60
naggaaattc ggcacgaggc cctggtgccc ctttagcacg ggcttggggc cgtgtcgcaa	120
caggggcaca cagtgtgggg gacatcaaag cgccgnaaac catggccttg caaaccgttc	180
cgccccgcnt ggggtcctgg ggnacccccg ccnntggnag cntcntgntc ntgntttttt	240
gcntnggtng ggttnnacnt tcnaggncn aggntgnaaa cnnggaanng gtttttttna	300
cntaaanngn ncannnnann tngnggaacn tgtcttggn naagcntnac ntnacngtct	360
tcttcccaag ggccnggggg gnacnaaaaa aaaaggcntg ccccnngggg nggaaggcca	420

aattgngaa taaaaacttt ttttttatat aagnatgtgg aacntgaagg cttgtgtgaa 480
cggnccctgt tngncncacc caaataaaaa antgnanaac tganattctt ttcatatanc 540
aagangtgca tnttttaaag cgnaaantgt anaanttata ccnnagggn nnaccacacnn 600
cttttataga gcnnagagann tttttttttt tntacgnccc ctgtgganat atncacaagg 660
gaaatgacnn ttctgtgcac accgaaaaaa ttttttanaa aaaancncca aaggngcggn 720
ggtggaanan tccncagggg tgttcctctn atnncccntn ttttgnnggg gaggaaagga 780
ccnttttnt ananagggcc cttgttanac cctgtggat nnttttgccc tgcnttaacn 840
ngngggtnt tttccgcccc nnatgaacnt gggtantact ttnnnaaaat taaanangg 900
nttttttttn aannaacccc ccccnngnaa nntgntnggn nnggnntggc ccnnccnnnn 960
anaaaanatt tgtn 974

<210> 1299
<211> 974
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(974)
<223> n is a, c, g, or t

<400> 1299
gcctatanng agttgnatta cagtggcggc cgctctagaa ctagtggatc ccccgggctg 60
naggaaattc ggcacgaggc cctgggtgcc ctttagcacg ggcttggggc cgtgtcgcaa 120
caggggcaca cagtgtgggg gacatcaaag cgccgnaaac catggccttg caaaccgttc 180
cgccccgcnt ggggtcctgg ggnacccccg ccnntggnag cntcntgntc ntgntttttt 240
gcntnggtng ggttnnacnt tcnaggncn aggntgnaaa cnnggaanng gtttttttna 300
cntaaanngn ncannnnann tngnggaacn tgtcttggn naagcntnac ntnacngtct 360
tcttcccaag ggcnnggggg gnacnaaaaa aaaaggcntg ccccnngggg nggaaggcca 420
aattgngaa taaaaacttt ttttttatat aagnatgtgg aacntgaagg cttgtgtgaa 480
cggnccctgt tngncncacc caaataaaaa antgnanaac tganattctt ttcatatanc 540
aagangtgca tnttttaaag cgnaaantgt anaanttata ccnnagggn nnaccacacnn 600
cttttataga gcnnagagann tttttttttt tntacgnccc ctgtgganat atncacaagg 660
gaaatgacnn ttctgtgcac accgaaaaaa ttttttanaa aaaancncca aaggngcggn 720

ggtggaanan tccncagggg tggtcctctn atnncccntn ttttgnnggg gaggaaagga	780
cccnttttnt ananagggcc cttgttanac ccttgtggat nnttttgccc tgcnttaach	840
ngnggggtnt tttccgcccc nnatgaacnt gggtantact ttnnnaaaat taaananngg	900
nntttttttn aannaacccc ccccnngnaa nntgntnggn nnggnntggc ccnnccnnnn	960
anaaaanatt tgtn	974

<210> 1300
 <211> 985
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(985)
 <223> n is a, c, g, or t

<400> 1300	
ttnancncna tctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcagga attcggcacg aggcaacgag caggccatca tcgacgtgct cacgaagaga	120
agcaacgcac agcggcagca gatcgccaag tccttcaagg ctgagtttgg caaggatctc	180
atcgagacct tgaagtcgga gctgagtggc aagtttgaga ggctcatcat agccctcatg	240
taccctccat acagatacga agccaaggag ctatatgatg ccatgaaggg cataggaacc	300
aaagaggggtg tcatcatcga aattctggct tctcggaaca agaaccagct gcaggagata	360
atgaaggcat acgaggaaga ctatgggtcc aacctggaag aagacatcaa agcagacacc	420
agcggctacc tggagaggat tctgggtgtgc cttctgcagg gcaacagana tgacttgagt	480
gggtatgtgg acccangatt ggnccctgcaa gangcacang atctggaccc agcgggtgaa	540
aaaaatctgn gggaccgatg aaatgaaagt tcattactnt tctggggacn ccncancgcc	600
ccccaccttg atganaagtg tttganggaa tattganaaa antgnccacc cagaacnntt	660
gngggcccg c ntcaanaggn ganaaccnt gggttcctt ggaggaggnc nttctttaca	720
ggaatggaag ggcncgccggg aaccttcccc ggntncnttt gnggggcgcc cntttcnttt	780
gccatgaaag ggaaccaggg acttttggtt ggggaccctt ganaaaaaaa aattcgtttt	840
cccgggggng ggnattggcc tttaaatntt tttcaannaa atcanttcna nnaaaaattt	900
tccggggaaa aacccttttn cnnnntttgt tttttgggaa aaaaccaanc nggggganat	960
acaaaaana gncccttttt tnaac	985

<210> 1301
<211> 989
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(989)
<223> n is a, c, g, or t

<400> 1301
naaaactgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60
aggctctgtt cctaattgtgc atggggcctt ggcccctctg gctattccgt cggcagcggc 120
agcagcagcg gcagcgggcc ggatcgccat cccaggcctg gcgggggcag gcaactctgt 180
cctgctggtc agcaatctca accctgagag agtcacaccc caaagcctct ttattctttt 240
cggcgtgtat ggagatgtgc agcgtgtgaa ggtcctgttc aacaagaagg agaacgccct 300
ggtgcagatg gccgatggga gccaggcaca gctggccatg agtcacctca atgggcacaa 360
gctgcacgga aagccagtgc gcatacactt ntctaagcac cagagcgtgc agctgccccg 420
cgagggccaa ggaggaccag gnctgaccaa ggactatgga actcgccctt gcnccgtttt 480
aaaaanctgg ctccaaaaa ctccagaac atctccacc ctnggccant ntgacttttc 540
aacatccgc cctccttntt ttgaggataa cctcaaaatt nttttttcca taaccggggg 600
gaatcgtcaa angggttcaa ggttntttca aaaaggancc gnaaaatggc gcttgatncc 660
aatgggctt aagnggaaga agggcattcc agggactttt ttgaacctgg gccaaacatt 720
gaacttgggg gganaaaccc nccncttgg gggnggtcc tttttccaaa ttccccatt 780
ttaagggccg nccanccag gaaacaaacc ttggcngggg anncccgggg aannaaattt 840
tcatttntt ttcnnaanaa aaaaancccc ttttnaaaa agcncggttg aaannggacc 900
cttnnaana aaccaanaa atttntttt ttttttaaaa aaaaaaaaa caantttaac 960
ctggtntttt naaaaaaaaa aattaaaat 989

<210> 1302
 <211> 989
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(989)
 <223> n is a, c, g, or t

<400> 1302
 naaaactgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60
 aggctctgtt cctaattgtc atggggcttt ggcccctctg gctattccgt cggcagcggc 120
 agcagcagcg gcagcgggcc ggatcgccat cccaggcctg gcgggggcag gcaactctgt 180
 cctgctggtc agcaatctca accctgagag agtcacaccc caaagcctct ttattctttt 240
 cggcgtgtat ggagatgtgc agcgtgtgaa ggtcctgttc aacaagaagg agaacgccct 300
 ggtgcagatg gccgatggga gccaggcaca gctggccatg agtcacctca atgggcacaa 360
 gctgcacgga aagccagtgc gcatacactt ntctaagcac cagagcgtgc agctgccccg 420
 cgagggccaa ggaggaccag gnctgaccaa ggactatgga actcgccctt gcnccgtttt 480
 aaaaanctgg ctcccaaaaa ctccagaac atcttcacc ctnggccant ntgacttttc 540
 aacatccgc cctccttntt ttgaggataa cctcaaaatt nttttttcca taaccggggg 600
 gaatcgtcaa angggttcaa ggttntttca aaaaggancc gnaaaatggc gcttgatncc 660
 aaatgggctt aagnggaaga agggcattcc agggactttt ttgaacctgg gccaaacatt 720
 gaacttgggg gganaaaccc nccncttgg gggnggtcc tttttccaaa ttccccatt 780
 ttaagggccg nccanccag gaaacaaacc ttggcngggg anncccgggg aannaaat 840
 tcatttnntt ttcnnaanaa aaaaancccc ttttnaaaa agcncggttg aaannggacc 900
 ctttnaaana aaccaanaa attttnnttt ttttttaaaa aaaaaaaaaa caantttaac 960
 ctggtntttt naaaaaaaaa aattaaaat 989

<210> 1303
<211> 959
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(959)
<223> n is a, c, g, or t

<400> 1303
aaaagctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60
aggattcggc acgaggccag tttccagttg tgtaccaagg atgattgctt cagtgttaat 120
attcagcctc ctgttggaga actgctttta cctgtggcca tgtcagagaa agattttaag 180
aaggagcaag gcatgctctc tggaatgaat gaaacttcca ccacgattat tgctgccccca 240
cagaattttg ctctctctgt gatccttcag aagatagtaa atgtagccaa tgtgggtgta 300
gtcccttctg gacaagataa tatacacagg tttgcagcta aaactgtgca cagtgggtca 360
ttgatgctag tcacagtgga actgaaggaa ggctctacag cgcagcttat cataaacact 420
gagaagactg tgattggttc tgttctgctg cgagagctga agcctgtcct gtcccagggg 480
taacctgctt acatctggac ttcagaatct ggcacacaac acaagtccct ggcattccact 540
gctgctgcct ttcatttata ataatagccc ttccatctgg cagtggggga agaagacact 600
cttgacattc ttggctcctg ctttaaaaaan gctgggggta ttctatcgng aatgcaatac 660
ttttccccct tttcactttg ctaaccaaag aacatacatt ttgctgncag gtatctcaac 720
ttcctaaaaat ccatttggca ttttcttntg gcctgntacn ttnttttngg cccttcgngg 780
gttncccttn cttggtntna anccnatgga nnggaccagg aaaccgggaa ncccttgggn 840
ttttttggga naaaantttt tcnttttccg cagtaangcc aaaaanttan ccctaaaaaa 900
tannngaccc tggaactntt tcnnnttggg ntttaaaaaa aaangggggg ngtggttnt 959

<210> 1304
<211> 913
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(913)
<223> n is a, c, g, or t

<400> 1304
aaagctggag ctccaccgcg gtggcggccg ctctagaact agtggatccc ccgggctgca 60

ggaattcggc acgaggcaaa atggttgccg ggttatgtta attgggaaga agaacagtcc	120
ggaggaagaa gctgaactaa nnaagctgaa ngatttggag aaatctgtgg agaagatagc	180
tgaccagctg gaagaactga ataaagacct tgctggaatc cagcaggggtt ttctggccaa	240
ggatttgcaa gctgaagctc tctgcaaact cgataggaga gtaaaagcta caattgagca	300
gtttatgaag atcttggagg agattgacac actaattctg ccagaaaatt tcaaagacag	360
tagaatgaaa aggaaggggtt tggtgaaaag gattcaggcc ttcttagccg agtgtgacac	420
agtggaacag aacatctgcc aggagacaga gcgactgcag tccacaaact tggcccttgc	480
tgactgaggt gaggcggaga agggccgtgc tgcactgaag aacagcccca ccagccctgc	540
catctctgga acagaagtta cctgccttcc ccagcgcttg ctgggagcaa ttggcccgtt	600
gccttttccct tctcttaciaa cccactctca atgaacaagt gtcattcctt ccaatcttta	660
accttctatc agcttctcgt tctggctctg ggggatctgn gcttgtccan cancccnncn	720
ttgtttggga nagggcccca tgaccaagtc tttccaactg gnttggancc tttgggggct	780
ttnttttngg cctggggaaa acttnttatg tatcccgng gaagttctga antttattgg	840
ncnttttgg gccttcaaaa accaaaaagg ncctttttgg tttttatgaa accccttaaa	900
ncctggnttg ggt	913

<210> 1305
 <211> 1433
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1433)
 <223> n is a, c, g, or t

<400> 1305	
gnagngcnnn ncttntcttt nnanttnnnn cttnnncnc nncnnncn cttcttntct	60
tnnctcacc tcnctccacc cgnccnangg nnngnctat nttntntnnc tctttanagc	120
ccnttangag tcgcatacan ggnnnnccnt cncatctttt cctcctcttt tcgcacncna	180
ccttctcnc ntttcttntn taanntattn cctnnctcnt ncacctcttc ntncntnnnn	240
nnnnnngnng nngtttcat gtncaattn nnnttagtnn ccanannntc ntatccanca	300
ntcnntccat tnttnaanac gntntccct tntnttttn ntgtntattn nntnnntccc	360
ttccanacag tgnannncnc tnanttttn nntantcttc anatgtntta gntcnnnnnn	420
ntttancntc tannntanna tannantnac anntatgnnt nntntntnt cngnttaang	480

gncannntac cttatnntnt ctannntca tnnagtattt ttttntttt ntngtagtt	540
nnngctcgta tttnnaggtt nncanttctc nctcacngng tcatntttnt tntttncgtt	600
tntagtagc naatttnnnn tcnagttnan tnttatntnt ntntnngnt tcnctntnat	660
ctantataac tnnngntcntt gctcttcnnn cntnnagcnt nctctnatcc ctntcntntt	720
tttacttttn tttncncct cctcctnccn cnnttctnt nnttcgncc tntancccg	780
agtnccctnc tncntatttc agccaatnct cncnccgtan nccttcgttc tntcctttgn	840
cttcntnacc ncnnttggt tttttnnnat tntcnctct tannnnntca nannnacttt	900
tgttgtncc tnaatnnctn ntntactncc atcannnncc gtccntactt gnacgtcnat	960
nnangtgana tttnnntntn gnnnggtcnc ctnttttncg atatnnnnac attcccnttn	1020
tntcacctan tctnttttat tgnnctgnnn nttnactncc ncgcngtca gtcaacnant	1080
cttatctcca nttnnntncc cttcggtntt cctgtatntt ncntctgntn ntgctntnta	1140
tnatnctctn ganctctata tgcgtttatc antatatntn cntnatcgnc gtcttatcna	1200
cnttngntcn ntaacaccgt tntcatcnc nnnntttct ctctttacnc ncacattgtt	1260
naactngcng cncgtctntg attctnctgn tatntgngng ttatntngac cttctcntna	1320
tnatatctta natatgtctn gatntgctng acntncgcan ntgtnttcct ntcnnnnccg	1380
antatcntnt cntcttgctn tntgntcnan antntnatca tgttggttng ncc	1433

<210> 1306
 <211> 985
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(985)
 <223> n is a, c, g, or t

<400> 1306	
nncaannctg gagctccacc gcggtggcgg ccgctctaga actagtngga tcccccgggc	60
tgnaggantt cggcncgagg ctcatgctta tcatatagta aaccaagcc cttgacctct	120
tacaggagct ttgtctgccc tcttaataac atccggccta accatgtgga tttcacttta	180
nctcaatgac cctgntaata atnggcctac caccaaata actancanta taccaangat	240
gacgagatgt tatccgagaa agcaccttc aagggcacca taccagct gtccaaaaag	300
gcctccgtta tggaataatt ctttttatta tctccgaagt actattcttt accggatttt	360

tctgagcttt ataccactca agcctcgccc ccacccctga actaggcggg tgntgacccc	420
caacaggcat tcaccacta aaccccctan aagtcccact gctcaacacc tntgtcctat	480
tggtctccgg agtttctatt acctganccc atcatagttt aataagaagg ggaccgaaag	540
catatattac aagccctatt tatcaccatc acattaggag tctacttcac actactacaa	600
gcctnagaat actatgaagc accttttact atctccgacg gagtttacgg ctcaactttt	660
tttgaaccac angcttnac gggcctcacg tatnattggg cccctttttt aatggctggt	720
tcttccgcca aataaaattt attttatttt aaccnccct tnngttttga aaccgntgcc	780
tggaactgga cttttngnaa acgaagncgg acttttccct ttagggnnct atcnaagggn	840
gggggctccc aaaaaaaaaa nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn gggggggggg gggggccccc cccnnnnnnn nnnnnnnnnn	960
nnnnnnnnnn nnnnnnnnna aaanc	985

<210> 1307
 <211> 1259
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1259)
 <223> n is a, c, g, or t

<400> 1307	
nncccataga gaggannngn gngncanann ancgtcgact gagcccnatn gggagncgca	60
nnacagggtgg cggccgctat agaactagng gatcccccg nctgtangaa tctctggcac	120
gaggcgannnt ttttttttct ttnttancaa naaaaaancc gngntntnt ntaaaaaaa	180
nggggncncc ccntcncitt cgnatngnnt nncnntggga ccncnnncn cncnncitt	240
tttgnttaat gngncctgga gncntgcn nnggnaanat tatnnntta ctattcannn	300
gggntcctgn atttncctcn tnanttnccn agnaaanngc tnnnttttt nttnngatcc	360
nnccgcnta naactttttt ncnttatanc gnnngcgtgt ccatcanggn nttanntann	420
nnattanagg gcncccatn ctnggtgnat cnntgggnng tacnaaatt ntctacnncn	480
nttaacnacn annngggang ntnnggagg natnantnan tccntttac naaatagncn	540
tntnttctt ttgtnnnacn tgntntttt cnngngnag ctntntnca aanngggntt	600
tnctgannt tntaaanatg tnnntngng ggggggctcc tntanncnnt cttnnangan	660
nagnncttt ncntttntcn ncntngggg gntgnanatt ttntaagnnc cgtgtcctc	720

nccnnnttc ngttccccc	ctnntgngta atnggcnc	cc tngcnc	cccn ttatttnccn	780
ctnagaaann gtggnnnn	tnnanncn gn aacn	ngatgn nttnttc	ccna nntntnacnn	840
ncnantgtnc tctaatttn	atctttttnt gacctant	tc ntctcccttg	naatacaant	900
ctnnnnnnnt ctttgacnc	gtttcacgnn cgnaa	antat anatanann	cc ncttcatntt	960
ttctttttct tantnccan	taaaantntg tnncttct	cc ntnnccntnt	tntnaacnaa	1020
gacnaangga gaggggtgc	ttntctcntn ttnnncan	ac tatcnttnat	tcnanngnnc	1080
ncnncnatth ntntngtnt	n tagttgcacn naganan	tnn ttaacttnan	nnngcccncg	1140
ngtnatataa anatnnagna	ngttcntcnc tntttcac	na naccttagtt	taccnctncn	1200
tcnnttntaa ananatacgt	cgctncngnn ngntnncc	nc gcnacatnng	ctctctccg	1259

<210> 1308
 <211> 1420
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1420)
 <223> n is a, c, g, or t

<400> 1308	
tggaggccnc ataggggagt	cgtcattaca ggggggnggn
cnctcnagna acgagtgggg	60
atntcnctag nggttggatg	catnctcccg atctttngng
tttttnnta tnctangntc	120
cannagaann cttncnagnc	gggggaatth atatactagt
agtttnacan ntacgnccac	180
ncnctcgtca gactcgnntt	cncgctgtnc nntantntc
nnannctcna canganantn	240
gnncngtngt tgtgccnnta	gattntatc tntagagngn
ngacntgatg ncatgagagn	300
cggctagaag tnagcgaggn	gcganangtt ncantttang
cnnncacgat gnacnantna	360
ncnagancnc gnagangang	cgnannngaa gtnganncca
cttcngagtt ngnagggggn	420
gnnnnngatg ntncngnnnc	tatgntcctc gtgggncncg
ngagngnatc gtgntnngnn	480
tatgnntngn gantcncgaa	cgtnaganna tnannancan
gtgnntagac gggtcagagn	540
ncnnagatga taantnangn	ntccggannn antncggata
tnannnatan ntatntntnt	600
tntgaanact atatctgnnc	cntgctcgnn anncnntgtn
cgnnncgatc angttgngag	660
accntntann gctgtattgg	gnttntntntn nngagnncnt
nnnnccctag gggaagnnta	720
ggnatntatc nngagnnnnn	anaantcnnn ngntgnntna
caatntnacn tnaganntan	780

nnntnanncc acgatnneng tegagnntnc nngnnntgta tcnagncnnn nntttttagn 840
 nnnntcgnt tgttcgnngc nnnngnnncnn gnggnggngg ctntncnnac acngggnnnt 900
 ctctcatnta tnggttttcc ntcttttanc anctctnaat cccncnganc tttatanctc 960
 tnnctngtta ccncgcatna nngcgntct atttggatct cgangagntc gnatagtacn 1020
 tnncacgtnc ccangcntnt gnanggnnnn nngcnatnnt cggnatnann cngaactntn 1080
 ntatcnatna nactgtngag agagcatagn nngntncatg ntntctgnan aanttncttn 1140
 nctgantnng ancgtacnta nnnngngngta gttannnacn atgnancnta ntannnnnttt 1200
 atancgtgaa agatgtngna cgnagtngga anatnagagt antanctcgn nngntgggtg 1260
 anttacnntn ggatncntgn anggcganan natgncgnnc gtatgnnnnt gtattatcgn 1320
 tcgttnatgg gatatacgnna cgcncggtan tacgttnnta tagtacnctn ttcnnngagn 1380
 nncttncgtc nnggngcaga cgnaantgan gaggnanccg 1420

<210> 1309
 <211> 1420
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1420)
 <223> n is a, c, g, or t

<400> 1309
 tggaggccnc ataggggagt cgtcattaca ggggggnggn cnctcnagna acgagtgggg 60
 atntcnctag nggttggatg catnctcccg atctttingng tttttnnnta tnctangntc 120
 cannagaann cttncnagnc gggggaatth atatactagt agtttnacan ntacgnccac 180
 ncncctgtea gactcgnntt cncgctgtnc nntantntc nnannctcna canganantn 240
 gnncngtngt tgtgccnnta gattnttatc tntagagngn ngacntgatg ncatgagagn 300
 cggctagaag tnagcgaggn gcganangtt ncantttang cnnncacgat gnacnantna 360
 ncnagancnc gnagangang cgnannngaa gtnganncca cttcngagtt ngnagggggn 420
 gnnnnngatg ntncngnnnc tatgntcctc gtgggncncg ngagngnatc gtgntnngnn 480
 tatgnntnngn gantcncgaa cgtnaganna tnannancan gtgnntagac gggtcagagn 540
 ncnnagatga taantnangn ntccggannn antncggata tnannnatan ntnatntnt 600
 tntgaanact atatctgnnc cntgctcgnn anncnntgtn cgnnncgatc angttgngag 660
 accntntann gctgtattgg gnttntntn nngagnncnt nnnncctag gggaagnnta 720

ggnatntatc nngagnnnnn anaantcnnn ngntgnntna caatntnacn tnaganntan	780
nnntnanncc acgatnnncg tcgagnntnc nngnnntgta tcnagncnnn nntttttagn	840
nnntcgcnt tgttcgnngc nnnngnnncnn gnggnggngg ctntncnnac acngggnnnt	900
ctctcatnta tnngttttcc ntcttttanc anctctnaat cccncnganc tttatanctc	960
tnnctngtta ccncgcatna nnngcgnctc atttgatct cgangagntc gnatagtacn	1020
tnncacgtnc ccangcntnt gnanngnnnn nngcnatnt cggnatnann cngaactntn	1080
ntatcnatna nactgtngag agagcatagn nngntncatg ntntctgnan aanttncttn	1140
nctgantnng ancgtacnta nnnngngngta gttannnacn atgnancnta ntannnnntt	1200
atancgtgaa agatgtngna cgnagtngga anatnagagt antanctcgn nngntgggtg	1260
anttacnntn ggatncntgn anggcganan natgncgnnc gtatgnnnnt gtattatcgn	1320
tcgttnnatg gatatcgna cgcncggtan tacgttnnta tagtacnctn ttcnnngagn	1380
nncttncgtc nngngncaga cgnaantgan gaggnanccg	1420

<210> 1310
 <211> 995
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(995)
 <223> n is a, c, g, or t

<400> 1310	
tnnannannn tctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcagga attcggcacg agggcangac cagaggana gaaggctgca ccatctgang	120
accctgcang gtgagagaat agancattac aaggcnntgg aanaagcact naactcgccg	180
atcctttgtc tggggccgag atggnagggt gagcctcagg aagcctccag agctgttcac	240
caganggatg ctggcgcan agaaaaaagt tcctgggtca gttcaccacg caccagcgga	300
ctcgccgtga cacgcggaaa cngaaaggcg agggcatgg accatctgga agcccagctt	360
gagaccanc tacaggaagc tgaacagaac tncatctgaa atcttggcag cattggcccg	420
ggtacctctt gccgaaagct aactattttc gagtaaactg ggtctctcag cagagaacct	480
cctgaggact aaangggaac naagccttct accccgatga gagaggggac acttggggnt	540
ccccaggatg atgacctctc cttggggggc cccacgttca ggatcgctca acaaaaggct	600

gatgccagca agaaagtgaa gttggtgatg gctanaaatt ccataaatat gcttanaaan	660
aagaagccat ctgtaacttt aaggcttgct caagacangn ccttgaagac ccgggcnttn	720
tnttgaagnc cacnttgccc cttccccag gangaatttg ccnccccaa gggtangggg	780
ggacaaatgg gggtcntttc ctttttgccc ccccggttt gtgccagggc ttgggaaaaa	840
tgggttggcc aaaattnccc aacaaaaagg nctttaaaaa attangggng gancccttct	900
tgccttttga aaaatgacca agcttncccg gggtnngga aaaaccattn tttttnaagg	960
ntttttggen tcccccccg gtttttnana aaacc	995

<210> 1311
 <211> 971
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(971)
 <223> n is a, c, g, or t

<400> 1311	
ncnactggag ctccaccgag gtggcgccg ctctagaact agtggatccc ccgggctgca	60
ggctcgagtt ttttttttt tntttttngg gtcccngnnc nangnncttn nggggnnttt	120
nccccggtnn aaaaangggg gtttttttg gnaccncttn gnntttcaa nnnnnacggg	180
cccccccn nnaanccnt ggngggggg gggngggnn ccccnanncn ggnngggnt	240
nntnaaaagg ccnccnncn aaaaaaaanc cnttttngg gttnnnccng gggggcnaaa	300
ntnnttaaan ccncttnnaa aaantttngt nntngaaang gaannnnccn gggttnnntt	360
tnnaanggcc ccccccccg nccntttnaa aannttnntn ntnntaaaaa naaancccn	420
naaannnnng gggngggcn aaaaancnt nnnnnccna aaaannnnnn tgaaaccccn	480
nccccactta nccaaatttt ttcnnnttt aagggnnaacc gganaaaatt tgggaatttt	540
ngngcccncc gaaantnntt tcggangggg aagggggaaa aacctttggg gggnggggtt	600
tttttttggg gccccnattn gggtttagga aaaanttttt tntccctgg aanggccct	660
tttttnaggc ccggnaccnt ttttaanggg nngggggccc caatttttan aaaaaaann	720
anttngggtt aaacntttg aaacncaaa ttttcccc ttttggggaa nnnctttttt	780
aaangggcnc cccncttn canaaaaaat ttngggcttt ttttttggg gaaattcctt	840
ttanngggnt nttttgggaa aaaaaaaaa antntcccat ttncccaaa agggaaaaaa	900
agncccccn gggggggaat ttncnaaan tttngggggg gggnggnnaa aaaacngng	960

ttaangaggg g

971

<210> 1312
<211> 989
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(989)
<223> n is a, c, g, or t

<400> 1312
naaaanctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
caggaattcg gcacgagggc ggtcaccctc ggttccaggc accgcaccgg gctagcggca 120
acatcgcgtc catggccacc acggcggtc cgctcatctt ggccctcagg gcctcgagcc 180
cgcccgcgac ccccgattcg tacgggggtct tctgcaaggg gctttccgc accctgctcg 240
ccttcttcga gctggcctgg cagctgcgca tgaacttccc gtatttctac atcgcgggct 300
ccgtcgttct caacatccgc ttgcaggtag atttttagag ccctggggat gccgccggcg 360
ttccgggcct gcgttggtgc cgactcccag gaggcgccgc ggcaccgtgg agcttggggc 420
gagcagtccc gctgtctcgc gagagtgtt ggtctccctc caccggtgcg ctctcgctc 480
tccgncgtct gctcttcttc cgatcccctg aactggcacc gaaaacctcc tgagtgtang 540
aagangaaat acgcgattnc cgggaaccga gaaacttcag ttaaaaaccc cactacaata 600
tttaaagaag ctgtgcattc ctttaaaaac gggaacgaaa caggatgtan ttataacaan 660
gggaaaggct ggtccaaaac ttttaaggac aagaaatgna caaaccttaa ngggccgtat 720
ttatnnaaat aggaaaantt tcggggaana atgaaaactg ggattnttaa accggggatc 780
agtcnnaan cctggaanaa ttttaanggg aatttgccgn gggaanggn aaaaantttt 840
ttttntttc cccaaaccgg aaaaactttt tgacgaattc nnaaaantt taggggaaaa 900
aaaaaaaaa aaaaaaaaaa tttggggggg gggggccggg ncccaaattn ccntttnnnn 960
nnnnnnnnnn nnnnnnnnnn nnnnnnnna 989

<210> 1313
 <211> 939
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(939)
 <223> n is a, c, g, or t

<400> 1313
 naaaagctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggattcgg cacgaggcca gtttccagtt gtgtaccaag gatgattgct tcagtgttaa 120
 tattcagcct cctggttgag aactgctttt acctgtggcc atgtcagaga aagattttaa 180
 gaaggagcaa ggcattgctct ctggaatgaa tgaaacttcc accacgatta ttgctgcccc 240
 acagaatttt gcttcctctg tgatccttca gaagatagta aatgtagcca atgtgggtgt 300
 agtcccttct ggacaagata atatacacag gtttgcagct aaaactgtgc acagtgggtc 360
 attgatgcta gtcacagtgg aactgaagga aggctctaca ggcagctta tcataaacac 420
 tgagaagact gtgatnggtt ctgttctgct gccgagagct gaagcctgtc ctgtcccacg 480
 ggtaacctgc ttacatcttg gacttcagaa tctgcacaca acacaagtcc ctggcatcca 540
 ctgctgctgc ctttcattta taataataag cccttccatc tggcagtggg ggaaanaana 600
 cactcttgac attcttggct cctgctttaa aaaggctggg gngnatctta tcgggaatgc 660
 catacttttc ccccttttcc ntttgctaac ccaaanaaca tacattttgc ttggcaagtt 720
 atcttcaact tncctaaatc cantttggca nttttctntg ggcccnggta cnttnttttn 780
 ggncccttgn ggggttccct ttncctnggt tnaacaatgg atgggacttg gaaccnggga 840
 aacctttggg gtttttttgg gnnaaaaatt ttttcntttt ccggggtaag gccnaaaat 900
 ttgnccctaa aaaatttnnn nnaccttgga ttcttttta 939

<210> 1314
 <211> 1025
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1025)
 <223> n is a, c, g, or t

<400> 1314
 gcctatagtg agtcgtatta canggggcgg ccgctctaga actagtggat ccccgggct 60

gcaggaattc ggcacgagga aaagatccaa ataaagaaaa acaagcattt gtgaaaacag	120
ttaaagatca agcttctgaa attcaggtga caatgatgct caccgaaagt tgtaagctcc	180
gaggctttca tcacagaaat cttcttccta ttaccaatgt gtgtatagaa gaaggagaaa	240
agcccatggt gatattgcct tacatgaatt gggggaatct taaattgttt ttacggcagt	300
gcaaattagt agaggccaat aatccgcagg caattttctca acaagacctg gtccacatgg	360
ctattcagat tgctgtgga atgagctatc tggccagaag ggaagtcac cacaaagacc	420
tggctgctag gaactgtgtc attgatgaca cacttcaagt taagatcaca gacaatgccc	480
tctctagaga cttgttcccc atggactatc attgtttggg agacaatgaa aacaggccgg	540
ttaggtggat ggctcttgaa agtctggtta ataatgagtt ctccagcgct agtgatgtgt	600
gggccttttg agtgacgctg tggggaactc atgactctgg gccagacacc ctacgtggac	660
atcgaccctt ttgagatggc ccgcatacct tgaaagatgg ttacccggat agccccancc	720
aaatccaact tgtcctggat gaactaattt gccgtgatgg gcttgttgct gggcccttta	780
aaatccngga ggaagagncc caangttcca gcaccttggc ccanggggtct tccanagtgc	840
ccttgccngn ccttgngggg ccttntnnnt tgactntggn tggnnnaatc tttccnagcg	900
gtccangan gaatggggcc ttcccnggcc ttnttnggan ccaaatcntn gaagncnnnt	960
tngtttncgc cnnccccaca naaancccnt ttttttttnc caaaaaanct nnnctttan	1020
aaacg	1025

<210> 1315
 <211> 1372
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1372)
 <223> n is a, c, g, or t

<400> 1315	
gnccctanta ngtnnggtcg gtaattaann ngggggnntc tcatatctnc atcntnngtg	60
ggattccnnn tngggctcnc cangnnatnc nttntacnat aagtntngtt gnnntnttng	120
tcganactat ntntgngaag acganatggn tagggcnctnn atatnntcng ananagttna	180
nanantgtnt ngtagctagn gaaccatnga nnnngcgnnt nnggtncnng tcantcgaga	240
ngcacgtngn tgatacnna gagngngacg nnannntnac nagtctncat nagnncnagt	300
aganngacat ngnagtgaga gatatatnna ttacagcgac ntcnganncn ngttcnttag	360

tnganagann cngtnngnca ngagngatgg anagngngag agngngncgn tgatgtgagn	420
ataannngnn acncntcgn nancgnaca nnnntgnggc nanacacant nanagcgcag	480
nanacnagag nttncnatac nntgngnctg ntgngngnnn gacntgngtc agnanantnn	540
cngatccnga cgnnnnanng nntgataact cgtnannnag tnccnagngc ncntgttnna	600
gttataccna gtcnagaggt gntcgacanc ggnaggtgan ncnnannctn ccntgaggag	660
nnacatnctn tcncnnnnn gtttncnngc tatncgcnag ntanncatcn nnaantngta	720
nacgnacacn ngnanatatg ngntnnnant gntngtagng ngncnnnacn ncnttcangn	780
gannnntgag gcnannanta tcgnntggac cnnnnnatann angntganct ccncgattnc	840
ntanacacca gtaggnacgn tntgnnantn gngtnntgag annnngnagt natntncgtg	900
ctnnacacnat tttcnnncgt aggagnctgn nnnngnnntc cgagntatnc nnntttnnnc	960
ngnnngtagtg tgtagcggat gcnanacagn ttgcgcgcntt cnnannagnn ntanntcgnn	1020
gantnaggng ctctagnngn tgtcgacnnn cgagncctcn cnnanncnaa gnntnnntcn	1080
ncatnacngt tngcgcgcgta gnnnatgatc gngncctttg atcnnncnag tnnttangat	1140
atntcntnac atatcanncg catcncntcg atgtnnncnt aattnatccc cntttnnnang	1200
atncgtgntn nnaangtaa tgcgtcgngn nncannncat nanaattgnt ctntccgnnt	1260
nnaancatnc nnacgctacg ncttntnacn ncntntgtc tncgacgnaa cggnatnctt	1320
cctnatctna cnggactcnn tttntgacan atcncntncn ncntnatgtc cg	1372

<210> 1316
 <211> 1385
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1385)
 <223> n is a, c, g, or t

<400> 1316	
nctcnanagn nnnnngnnag ngcgaaggac cactnttngt tntanccct tactganncc	60
nnnttacaga ggtnnatctg nnttctcagt naancannca ntntactnn aattncnaaa	120
tatnntccag nacttctant cattangctg ggtantnta aaacttcac tcttggnntn	180
tttatnnaac cngggacaat nntcancnnc ancaattctt ctcnnantnt ncccnaaant	240
tancntnang acnataacan nngnncnata aatnatttna ancnccttta atnnaatnct	300

accnnccnn tcttnaanat ttcattatta ntnatgnccc atcncaacan ntctntttta	360
tntatttnnga gcncnanngg anannctntt tnncanttnn cataacaacc naantatctt	420
ntnanttaaa canncantna canannncat nntacttant ntnatanat nnanccnnac	480
aannaantnn tactcntttn ctnnaanttn nntnanccnt ntcnncnata naannanatn	540
anntaannnn cgctgngcnn ncactntatn tatnnataat aaanaaacgc ctctntcnng	600
acnnttnant cnattnnan acntntaaaat tctaacnadc ntnangcnng nttnatccca	660
nttaantcac nccncccan ntataattcn cntttntnat ttgcacngnt cncnaannn	720
ntccttaann tnnacnnnnn atccaaanan catccncta tcnnccnttt aatnntaang	780
atttnnntat ncncttnncg nctgtcnntt caacnnntc nattntttta nncnccan	840
ngcnccann angnatnntn tnttatntcn ttcanngnc tatcaatcnt naannnagta	900
taattantnt ntnacnnctn ccnnacatgc cncntantaa ncnantntna ccatccatct	960
ccccatntgn nattcttcaa gctnccnann nngcctcnan nantctann ncgancnata	1020
gcncntcgc tntacnntcc ncttatcant gcctcntact nannngccct nncnnntnng	1080
ntaanatntc ngncactnct nanaacnnnt cntaacanga gatctcaann atcaancna	1140
tgnatgcagn tcnttantct gntnganacn ctnanancnt caccgattat nncggntnt	1200
cnatcantat atnagccaga ntncacncan naacncnnat ancgtaana tagcatntca	1260
ctnnnatgac natatctctt agtnannntg actctancta tctntctnt tcacngntnc	1320
ntntntctn cnnnatncgg actcgatna ctnanactcn nnnctcacg tnnacaatnn	1380
agccg	1385

<210> 1317
 <211> 1054
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1054)
 <223> n is a, c, g, or t

<400> 1317	
tgaggccnnn tagtgngtc gtattacngg ggcggccgct ntataactag tggatcccc	60
gggctgcagg aaataactct gagnggtttg cccttaactt ctncaatgna tganagtga	120
aaatntagtt gcttagccgc tcanncgtn tacaactctt cgngacacc atganctata	180
ncccaacagg ctccctccgtc catgggactg aanaatcctg nagtttanac catgaagagg	240

cactnnggga caagctnngt atctntggnc tgatnaaang accatgcgna agtgactntg	300
gaactggntc ngnccaatng cttcctgatg cttgccannn tccnnctnn ctngnttgga	360
tantctcngn tgaggaatca ncccagtntt gcncctccttg ggcttgntac tngcacnatg	420
aganatnaga ccctanattg gnttgaccnn agatccgtnn gnaacacann tngacnttga	480
agaacntggg ncancagacc nagecnnntga nccancttg gcaccantgn ttggacnnga	540
anccatgtgg accagctgcc ccnaagtctt nntcctcacc tttaaattcct gcaacataaa	600
aantgnttcg gtncnnnnn acttgactnt ttggnnnncc cgtntgtgtt attcnaacaa	660
ntaaactcct tnnagaant tacctntntt ggcgngngng ggnaagtngg gnntagtctt	720
nnnttcattg ttatttttct tncnttnnat ttantcnnn ttancgantn anatccnccn	780
ttntnttttt tnggntntan agannntaca ntntcnnnn ncgatntttc cnncgnttat	840
ttntnncccc nctanntngg aangnncccg nncgtanac ctctacnctn ctttnnnctt	900
tnttntcttg ngtgnaanan ccncncgaa atttcttttt agccggcact cnnnttnact	960
cnacttttta nntcatntn naacncntcg gnnatanntt ganattntct cgctgtntna	1020
aacntgtntc tctctnacat tngtngtten nncg	1054

<210> 1318
 <211> 1054
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1054)
 <223> n is a, c, g, or t

<400> 1318	
tgaggccnnn tagtgnnngc gtattacngg ggcggccgct ntataactag tggatcccc	60
gggctgcagg aaataactct gagnggtttg cccttaactt ctncaatgna tganagtga	120
aaatntagtt gcttagccgc tcanncgtn tacaactctt cggngacacc atganctata	180
ncccaacagg ctctccgct catgggactg aanaatcctg nagtttanac catgaagagg	240
cactnnggga caagctnngt atctntggnc tgatnaaang accatgcgna agtgactntg	300
gaactggntc ngnccaatng cttcctgatg cttgccannn tccnnctnn ctngnttgga	360
tantctcngn tgaggaatca ncccagtntt gcncctccttg ggcttgntac tngcacnatg	420
aganatnaga ccctanattg gnttgaccnn agatccgtnn gnaacacann tngacnttga	480

agaacntggg ncancagacc nagecnnntga nccanccttg gcaccantgn ttggacnnga	540
anccatgtgg accagctgcc ccnaagtctt nntcctcacc ttaaattcct gcaacataaa	600
aantgnttcg gtncnnnnn acttgactnt ttggnnnncc cgtntgtgtt attcnancaa	660
ntaaactcct tnncagaant tacctntntt ggcggngnng ggnaagtngg gnntagtcct	720
nnnttcatng ttatttttnt tncnttnnat tttantcnnt ttancgantn anatccnccn	780
ttntnttttt tnggntntan agannntaca ntntcntnnn ncgattnttc cnncgnttat	840
ttntnnccc nctanntngg aangnncccg nncgtanac ctctacnctn cttttnnctt	900
tnttntctng ngtgnaanan ccncncgaa attncttttt agccggcact cnnnttnact	960
cnacttttta nnntcatntn naacnctcg gnnatanntt ganattntct cgctgtntna	1020
aacntgtntc tctctnacat tngtngttcn nncg	1054

<210> 1319
 <211> 993
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(993)
 <223> n is a, c, g, or t

<400> 1319	
tnnnnaaann ctggagctcc accgcgggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcagga attcggcacg aggatattcg cctcctggcc atagtccgcg ccgcctttga	120
ccagcggatg aagacgtggc agcgtctggca ggatgctcag accaccctgc agaagaagcg	180
ggaggctgag gctcggctgc tgtgggccaa caagccggac aagctgcagc aggccaagga	240
tgagattgta gagtgggagt ctcgggtgac tcagtatgaa agggactttg aaaggatttc	300
aactgtggtc cgaaaagaag tgatacnngt tgagaaagag aaatncangg acttcagaaa	360
ccacgtgac cagtacctcg agacactcct gcactcacag caacagctgg ctaagtactg	420
ggaagccttc ctttctgang caaangccat cttctaattg accgangaca ccaaagccac	480
ctgcctgacg ctgcctttta tacacttggc cttcancctt gncgggcca gngatgcatt	540
ctggctaacc tgganttaac ccttntctt ctggccccac gaacgggctt tgcccaagtn	600
tnttttaacc ggtacnttac ttaactttca tatatatattt tcttacctga aaggaanaan	660
ttttttggtt ttaaaccaaa aatncctnta cttagggggg gggnaataan ggggaagggg	720
gggggggntt tgggttttaa atttttttaa atccccaatg gttttttttt ttttaaggaat	780

gnggggttagg naactnngggg ganaaacnt tttttntta cntccctgac cgggggccct	840
tgaaaaaaa attttttaaa naaaaaaacc ttttaaaaac ngggggnaan nnnnnnnnn	900
nnnnnnnaaa acctnngggg gggggggccc cggggccccc aaatttnccc tttttanggg	960
gggnnnnnnt nnnnnnnnn nnnnnnnnn nnc	993

<210> 1320
 <211> 985
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(985)
 <223> n is a, c, g, or t

<400> 1320	
anaaaactgg actccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc	60
aggaattcgg cacgaggggc gtngctgctc cttgcgctgt gcgccgcaag cggccggggg	120
ctttatttcc acatcggcga gaccgaaaag cgctgcttca tcgaagaaat ccccgacgag	180
accatgggtca tcgggaacta ccgcacccaa atgtgggata agcagaagga ggtcttcctg	240
ccctcgaccc ccggcctggg catgcacgtg gaggtgaagg accctgaagg caaggtgggtg	300
ctctcccggc agtacggctc agagggccgc ttcaccttca cttcccacac tcttggtgac	360
catcagattt gcctgcactc caactctacc aggatggctc tctttgctgg cggcagactg	420
cgtgtgcacc tagacatcca ggttggggag cataccaaca actaccctga gattgctgcc	480
aaggataagc tgacggagct acagctccga gcccgccagc tgcttgatca aggtggagca	540
gatccagaag gagcanggat taccaaaggg ttctcngaan agcgcttccg tctgatcaag	600
tgagagcncc aaccagaggg tctgngggg gnnccatcgn tcaaactgtc atncttnatc	660
cttcactggc atntgggcan atgcgtcacc ttaaanantc ttntttgaag gcccaaaaaa	720
gctggngta atggtccctc accacgtgaa tccttttctt ggcaccctna nnttantttg	780
gggacntttc ccccncccaa tatntttatt cccctggga tttntggang ggnaaaaaaa	840
aagnggaaaa aaaggaattt ttnncccccc tttggtttcc cttgggcaac cnaaaacatt	900
ttcaaantca nccccnttg gttaaaccct tgggnntttt aaaggggaacc cagggnaaac	960
ttgggtccca gggnttttaa aaaaa	985

<210> 1321
 <211> 959
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(959)
 <223> n is a, c, g, or t

<400> 1321
 tnnnnnnncan ctggagctcc accgcggggg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa ttccggcacga ggaatcttta tttttaaaagc aaagatctga aaagttccat 120
 aaaagtagta tcttctaatac aatgattcat tattagcaga ttatatattac tccaactaat 180
 tatccaatca gtagtatact ttgatataata cacatcatac tggtagccttg tagacattta 240
 aaataccttt gatttcaacc atgcgtaaaa aagtaataat ataactccac aaacgttgct 300
 ctggagtaca acgtacacct cctgtgtcag actgacacca acctccact cacctgttg 360
 tacatgttcc caccatgatt tccacaccct cctctctgag ccttccttct cttctcattg 420
 ctttgagaag ttcagagttg tacttctcaa gtctgtggta gtagttttgt ggtagggcct 480
 taatagcata gtaaagatta ggcaggggtca aagtactcgg ttatgccttc tgattttgag 540
 aatacattga gattctttat gccatctcat tcgnggcaga acggggcctc tcataaaattt 600
 tttgttttat taaatttaaa gaaaactaca gtagaaaatg ttggcaagcc aattatataa 660
 ccaggggtat ttattactgg gtaaagggtt ttggacagta aaaccatggg tctgggtctg 720
 gcacatgtgt tggcanaang gggatagcaa ctatcanttc gcaattctac canttttttn 780
 tttntcgggg ntnttttttaa accataaaagt aaacttggcc caatcaagaa aaaattnttt 840
 tatggaaaac ctggtnccta cctncccccn tggggaaaaa ataaatcctt angaaggcct 900
 cctnntncaa aggttttaac aaaagcttcc nttttttttt ttgccttttt ttaaaaach 959

<210> 1322
 <211> 1089
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1089)
 <223> n is a, c, g, or t

<400> 1322
 aacaanactg gagctccacc gcggggggcg gccgctctag aactagtgga tccccgggc 60

tgcaggattc ggnacgaggc cagttttcag ttgtgtacca aggatgattg cttcagnngn	120
aatattnagn cttcnctac ctannncat anaanttna tnanannngna antanacaat	180
ttganaagga nnaattgaat tagttaattn nnatnanagn ntnttttcan catnatgcat	240
tgtncannnc ataanttttt ngctactata atgatantnt catnataatn gntnaantnn	300
gnnangatgc anaagnngn tgaattcnnt nnnnaangg antngtagag acnttttnnt	360
anaatatnan nntgncataa ntntcnntnn ntantnatnn acnttgntan ntanttgaat	420
ggttattant ggtgncnttt tnttgtaagn caaatgnaaa taatntntc atttgtttct	480
gntntattnt ctgtnanaga cttntgtgt nnatattaaa nnacatnana tatntttttt	540
ttnntttgcn cccccccccc nccctaattg ttaacatatt nttnagtntn gattttntnt	600
natnctaach ctnntanatt ntatanaata aatagntnaa gnnantntnt ttttttnaga	660
gntnnngnct naaganagtt ttgntcant tgggnnaga tantgntatt ngngannng	720
antcacagtc ttnggatnng ttatnanatn tttananana ttctttattg tnattaatan	780
ganantagan aantttgatn cgttaanttt antcgttnca cnattnatta gtgtnatnat	840
atnnnatntn agtgngntat tanntatntn gaantantag naaatanntg anntnngnt	900
acganntnat nancacnttt tatntgntt gtagacanta tgtgtattta attaggatnc	960
ntgnataatt atangagncn agtnttatn gaagntnatg ntngtntntn antntctnta	1020
ttatatnaan attctaattt atctncnnat gnttagtatt angananggt agnagtangt	1080
gttgaanng	1089

<210> 1323
 <211> 1336
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1336)
 <223> n is a, c, g, or t

<400> 1323	
gngcnnccgg ntntnttnt nnnnnnnnt tntnncnnc cncccccnc cncntngntt	60
ncacctntn ccntngngn nannnnngnaa tnnatanntt naccctnang ancgnataca	120
gnggcggccg ctctagaact agtggatccc ccgggctgca ggnaattcgg cacgagggtt	180
ttctcacctg aaaggactan tggatttnca ctaangtcta tagactaaag gccatcctga	240
tttctaantt ccccttcnca gttaccagn gtctctctct ttcttgcngt ccctttctgc	300

ctcctgtccc acctgtatat gtgtttaagg nagaaagcta tgttttggta agganagtnn	360
ttgnactgta ncagcttacc atggacattc ttctnncagn cccangcacc cactactagt	420
acagcatgaa naaacngcct acccagaang agcngtggtt tgagagngcg aaggcctggg	480
gaatttcccc acacnccaaa agaanactct cattcancag cnagggacaa cngntattgc	540
nntgginctca caggcagact ttggctcgaa aatattcttc gnggtgttan aattgccacn	600
gcatttanng acangtgaac nanganataa atctgnaaga ntaatnttgt caccaatgna	660
ctgttnccag gnnctcttna ntncanatga nccnattgng atngccacta tnggntcact	720
aanngcncn ttcccnttna ctttggnctca attaatacca ttcnnctanc naanattggc	780
nnaccaggan ccaccannan tagggagtaa nccannntag caattntttt ccctttgncn	840
ccgtggncaa ntttttngng attcntaatn ggnnncngnt attccccctg gggggnanna	900
nttgtnncna annaanntt cnnnactctt aataatacan ntntncccg tcntctcttt	960
ctgncngann ggantccnt cntntcnna natcggnatg gnnttcnatn cctntnnc	1020
ancaacnnct tntttttcna ngcactancn gcngnnctcn nggtataata aanagcctnt	1080
ctgnggtcna cnnaaaaccn centnnantn agtcntgtna nnannangnn gngncnatnt	1140
cntttatttn tnagncagna cttcgtgatc tcnnttgan ctcnctcttn cccctttagn	1200
gtacncgcgt ncnncatata ncgatanaca cancntgtcc tncagngata attangcnc	1260
tantttogac gttcttctan gnataccnta nagtaaccna ntntanattc nctcctctcg	1320
atcncttttc antccc	1336

<210> 1324
 <211> 1076
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1076)
 <223> n is a, c, g, or t

<400> 1324	
gccctatann gagntgnatn acagtggcgg ccgctctaga actagtggga tccccgggc	60
ctgcnggaan ttcggcccga gggagaaagg ttctgaagc tttnggnttn tcgcggctga	120
gttagggatt caacttgcca ccatgtcgan caaangagca aggnccagga ccaccanaaa	180
agcgccccaa gngcgcnaac cttcnaacgg tgttccccnt tgtnnncca tnccnaaatt	240

cagnanttna aggaggcctt aacnntnann anccaaanncn gggtnggggtt nnttgncaag	300
gaaaacttgc ntnacngnnc tngnttcctt ggaaaaaaat ccnctgnnn antttttgna	360
tcccatanna aacangcgtn ccaggnccca taaatttccn nggtgtttca canatgtgtt	420
ggggagaant ttinatggggc acatcccca anatgtgtcn gaaaaagctt ttgcttgnnn	480
ttttgaanaa aaaaccttgt ggcncctntt ggagggatna tctcctgana actctnnncc	540
ccaatggngg gaccccgtn nacattatga aagttgggcc cacctntttc acaaaaaacc	600
cctttttntn cgaaaaangg ggggggtttt tttncctccg nnnnttcccc ccnctnnntt	660
ttttatngng ggganacgga acnaanaccg acttanttnn naantttttt ttttcctccc	720
aancnttcct tttnttgcn ccttnggggt ntttttttga aanattnttt tttttaatac	780
cnggngnggn tgccctttan cctttnaann nttnggcct ttttttttnn ntttaaaann	840
naancccta ttngggngnc ancccnntt tttntntta aaaaccggaa ttnggggnc	900
nttctttttt ttttnaaaa aaaaaaaaaa naggtttttt ttttttttn ntttntgng	960
ntttnatnnn tcccccccc nnttacttn gnnntnnnn nnnnncacnt ntttttttt	1020
tnatnaang nnnntnnnc ntntntttt ttnccctct antcntttt ttnncc	1076

<210> 1325
 <211> 1463
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1463)
 <223> n is a, c, g, or t

<400> 1325	
ncgtnaang gcgnntgntc ntncctacn ctctntnct gnttnagccc tatagtgagt	60
cgtattacag gggattncac atccacncg gccnnntccc ctctntcttg ctncnntc	120
tncnncntc ntgcgatttt tttagttttc ctgcntatct ncttctnctc naagnngat	180
tctttctcct gncacctan ctncctctcn ntttngcnc tatntttcac taccattccn	240
cnngcctcc ncgcnngacc tctcatngtt tctntttccn ctntttttcc tnttncnta	300
cngncngtng ntccantctc ncctctttta ntatatnnn gccncccgnt gttnttnntc	360
ncnnatncac tntctncccc ncctnctnct cttttttttc tntcnatcnc angntccnn	420
canctttccn tctntatcn tntnnnnnat cctcnnnnn ntatntacnt tntttnttgc	480
tccccnccg gncacacgtc nntnnntttt ctctncaact ngaacnccnc ctctccnnt	540

cnetcccentn acatctnttg nnnnnnttcc tngaanncac tnaactctntc ttctctcctn	600
tctatgancc cncncngcn ttctttnttt ntcentatnt ctnnnccctn ntentaccct	660
ccttctctntn ttgcttctnt cncnnnnccc ctctttcncct nctnctctnn ctctctnnnac	720
ncacntaatt cngccccct tncgcctcc nctgtactnn ntcttcatcg ctanngtntc	780
cacnntangg gccngttntg natnatcgtc gttnatctnt tnccgctgn cncnttctc	840
tctttnttta tctntttntn tctacacnc gcttacgccn ngcncgctcn nctctnctc	900
ctctantngc ttccgnttcg cccgctcttc ggcgnaccnc cttcngccct nctntcttta	960
tntcttaate ttattcaanc nacgntnncc gttntntctn cctnntttt ntantctntc	1020
anncgntccg gcncncgnc ttactntct cttnccccgc acnnantcct gntccccgnc	1080
natntcattt anttgctntc atccnnncna ctntntgtcc tctcnnctt nncaccnnng	1140
tatcctttca nancnctcn ccncgctctc ntctcnncn ctngntctct nctactntnc	1200
tctctntct cgnntntctt ntacctntnt gcactccant ntngnatnta tactntctat	1260
tgctncttg tactnnttct tnnccnccctn ntncccgcan atcnacctnt tctatctntn	1320
actcncnna tcttctnnac cncncnaanc tctntnncng tgtactcgca tntacctnnn	1380
ncnccnccat nctcngggt acnntactat gngnctctcc atttccnct angntctnc	1440
tctactctnt cctcnnnccg ccg	1463

<210> 1326
 <211> 1116
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1116)
 <223> n is a, c, g, or t

<400> 1326	
ttgagccca tagngagtcg tattacagtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcaggc aancaacact gnatgggtnc ccttncctt gccnantgtn tgacagcgan	120
gaatnattgt ncttaatngg ncagngngcc nncaanngc ngnntcaac nttaantaca	180
gggncantan nacttcaaag nncctngca nnccaaaanc ccngcacctt ataacccccga	240
nggagtnacn nccnacntg cngtggncnn attagctctg ganccanggt gagnccctngg	300
ccnaaggagg gctttagatc nnnnggggac caantgtgcn ngngatcct gggacacggc	360

tgcaccctt taccttagan tggagngtct tatcatttna ngngagtatt gnnanataga	420
agctctnntt gtgccagatc nanggcacat atnctnntat ttatcctcna gangngntgn	480
ctctttncna atgnggggaa ctngagntnt actcnggnta cantngnacn tnagnccac	540
gtanncgcac accnngggng aanacaatnt tanggacaca canantanac ttntntttgg	600
gnacnncnng nctggnttna ngnnnantaa anangatngn ttgctnaact cntacaaant	660
aannaangtn ctntnggggg accnnnangt ncntttnncc aaantgtcnn nntgagaaaa	720
ntcaanctnt tccccataa nnnccanntt tncctctna tnanacnctt ttggtnttaa	780
ngggancccc tccnatcann atggggnacc ancngtnntn ganccnntgg ncnngnnnc	840
ccntnnnnca nnagaccaan cacnnncntn catggcaaan nngttacatg ntntnttct	900
anctctctna cnttntcant gggntcntta ccngtttnnn nanctontag cacnttncat	960
gtntnttcta nnangntana cacnannaaa ntntnttcnn ttnaattng nggangnta	1020
canaatnegg ttcttanntn naaaannntc natanaattc tnaccnncca nctanntatt	1080
nntnccaant ntctacgant nangangnan cgaccg	1116

<210> 1327
 <211> 1116
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1116)
 <223> n is a, c, g, or t

<400> 1327	
ttgagccena tagngagtcg tattacagtg gggccgctc tagaactagt ggatcccccg	60
ggctgcaggc aancaacact gnatgggtnc cnttnccctt gccnantgtn tgacagcgan	120
gaatnattgt ncttaatngg ncagngngcc nncaanngc ngnntcaac nttaantaca	180
gggncantan nacttcaaag nncntngca nccaaaanc ccngcacctt ataacccga	240
nggagtnacn nccnacntg cngtggncnn attagctctg ganccanggt gagnccntgg	300
ccnaaggagg gctttagatc nnnnggggac caantgtgcn ngngatcnct gggacacggc	360
tgcaccctt taccttagan tggagngtct tatcatttna ngngagtatt gnnanataga	420
agctctnntt gtgccagatc nanggcacat atnctnntat ttatcctcna gangngntgn	480
ctctttncna atgnggggaa ctngagntnt actcnggnta cantngnacn tnagnccac	540
gtanncgcac accnngggng aanacaatnt tanggacaca canantanac ttntntttgg	600

gnacnncnng nctggnttna ngnnnantaa anangatngn ttgctnaact cntacaaant	660
aannaangtn ctntnggggg accnnnangt ncnttttncc aaantgtcnn nntgagaaaa	720
ntcaancntnt tcccccataa nnnccanntt tncctctna tnanacnctt ttggtnttaa	780
ngggancccc tccnatcann atgggggnacc ancngtnntn gancnntgg nncggnnnnc	840
ccntnnnnca nnagaccaan cacnnnntn catggcaaan nngttacatg ntntnttcnt	900
anctctctna cntntcant gggntcntta ccngtttnnn nanctcntag cacnttncat	960
gtntnttcta nnangntana cacnannaaa nttnnttcnn ttnaattng nggangcnta	1020
canaatncgg ttcctanntn naaaannntc natanaattc tnaccnncca nctanntatt	1080
nntncgaant ntctacgant nangangnan cgaccg	1116

<210> 1328
 <211> 999
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(999)
 <223> n is a, c, g, or t

<400> 1328	
naaaagctgg agctccaccg cggtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggaattcg gcacgaggcc caagtTTTTT ttttttnaa atcccaggct tttngaattg	120
gaaaacattn gggggctttt actganggtt nttaaaatan tcatnatagn anctggatnn	180
gtaancnctt ttttttcctt ttaagnnct tcaanncca aaaacnaanc tngnctntcc	240
gttttttttn aaagnanagn ngtgnttncc nggnnccaaa accaaanngn taatttaant	300
ttntttttaa aaacttttna anttacnana agnnantgna aaaaanccct ttgnttggcc	360
tttaaaaanc tncgnttttt tnaanccnc cnatttttnaa ngaannnnnn nctgnantaa	420
naaaancccn aggnngntnn gttnccaaaa ttnttttttn nctggncggg ttntttaaan	480
ggnaaacccg ggaaaaaagn ccgtttncct ggttnnttg gnccacttn ntgctaaaaan	540
naaagnccct tggggnaatt aacgggactg gttggcattt ngtgggaggg gaggaaaaac	600
ntttttttgc ccaangaaag gaaaggccca aaaaccccnt ggaaantttt aaantttttc	660
cnanggcccg gaancaaaaac ccncntttt aancccccgn ttttttnccc ctcaangggg	720
gattctnaaa tntttttcng gaaaccccc tttgggggt tncaaaagga aagggnggg	780

ganncccccc cnggggggttt ggggtcccccc cccccccctt ttnaaaaggn cccaaaggaa	840
nccctttttt tttnccccng ggccctttaa aaaaaaaaaa gggccctttt ncccccccg	900
gnnggccccn tcaanggggn gggggggggg ggcccccca ggaaaaaaaa aaaagggnntt	960
taaaaaaaaan gggccttttt ttccccctn nggggggnc	999

<210> 1329
 <211> 1010
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1010)
 <223> n is a, c, g, or t

<400> 1329	
ttgancacaa tctggagctc caccncggtg gggccgctc tagaactagt ggatcccccg	60
ggctgcagga atncnnacn aggccancg nnnctgtnnn ccnnanggct gngcctttgg	120
ggaactggaa ncnttnntgg gcnttnnacn nangnggnan tnactcatat ncnannnatg	180
actggnancg nccannnttt ntnacnnttn ncnaaacatc tgngctcctn taactcacn	240
ngngnctnnc ggttntttt tgnatnnaac gntggagaan ncgtangccn accaancata	300
cnnttnaccc annntttttg aaanntatnc atnaacctn tgcnttanaa annntgactt	360
tttgtgnacn ttananaatna cnacntgctg tnatgncna tatnttcaaa ctatgggcta	420
tgngantant tcaagcnncc cggngaattc cttcntgaat gtggtnncca cccgcctaag	480
anatgatgna ggggnancng ggnaaaaatn atcatantcn gcagngtnag agaggggccn	540
ttgggtaaaa tantaataag aaccnttgnt ccnttatccc cagccgactn tnntttntt	600
tggagcagag aaaanaatnt ttttttanng cannctggtg gggggggacc ccanncccc	660
cttgaaggag aatgtcattn nttanacgna annncnnccc acttncccct tttttaaac	720
ccntttgtt ctttcccttn naaagggnng gngancctta aagtttttgg gggancaccc	780
ttttcattgg ggcttaaaaa agggaggntt tggggtgtcc caancgnaag ggcncggacn	840
ccccccnct ttaaaacatt tnnaaaangg accccggtt tntncnntgc caagttaa	900
nttaannntt ttttgntccc nggttttcca caaaaagggg gggggggggn tnacntcnn	960
cntgaaanaa aggggttttta naaaaggngt cttaatttcc cttttnnng	1010

<210> 1330
 <211> 1044
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1044)
 <223> n is a, c, g, or t

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<400> 1330
ttgnaanaac aantctggagc tccaccgcgg tggcgccgc tctagaacta gtggatcccc      60
cgggctgcag gcancaacct ctagaantna ccgttcctgc cncangcttc caacacagcg      120
ngggctctct ctactgctgg aggnctctgc cctccacatc ctcattctca tctgtctntn      180
cntggccact ntggacaagt nctggtggac tntaccgcgg anggngtcnc tgantctntg      240
gttcgactgc nnntgganta gtgacnnan aacgtngtcc ttcnataact ncacanacat      300
cggttngntg tacacagtac acctcctgnn tcagattgnc cncatcctnt nactcncntg      360
ctnnancntg ttcatnccan aantttnnnn cnttcctcta ngagnctntan ttcnttntct      420
atgtgctttt gacaagttca gagccngtac ttctgaagtc tannggtant acttatcgta      480
ggncatttc tttntaaca taatnctnga tnaaccgcgc ccttcaggag ggggcanggt      540
ttangntact ggctatcanc catgaacccg ggtggngact ttntccntnc gccnctggac      600
cangggggna tnatngacn ctncnccna tgnagnaatt cnnngaagtt atggaacttg      660
tncntaacc tntngaattn ccnaanancg aattncnagg nccnntttnt tttacaccnc      720
gganancnc ccnaccggtt tncctnnntt tntttntttt naaaaacaaa tanttaaatt      780
tgnccttccc cctccgaaa aaaaaaaaaa atannatntt ttggcncgcc cccccccccc      840
cntccgttnc gtcttnttgn gggtnatatt nccnancanc nccantcnt cntnaatttc      900
actcnaaat ctcttntttt ttaancnttt tattcncnt tnttggtcng ctntaaccan      960
nanntnaant ntctctttct nntntcnngn ttacttatac tgaacatnca tcnttngggg     1020
gtnnctttct ntccnccan acnt                                             1044
  
```

<210> 1331
 <211> 936
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(936)
 <223> n is a, c, g, or t

<400> 1331
 nacaaaactg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggaattc ggcacgaggc tcctctccag cctccaccat gtccatcagg gtgacccaga 120
 agtcctacaa ggtgtctacc tctgccccca ggtccttcag cagccgctcc tacaccagtg 180
 ggccccggctc ccgcatcagc tcctcggcct tttcccgagt gggcagcagc agcagctttc 240
 gcggcggcct gggcacccggc atgagcatgg ctggaagcta cgggtggggcc ccaggtttgg 300
 ggggcatcac agctgtcacc gtgaaccaga gcctgctgag cccctcaag ctggagggtg 360
 atcccaacat ccaggccgctc cgcaccagc agaaggagca gatcaagacc ctcaacaaca 420
 aatttgctc cttcatcgac aagggtgcggc acctggagca gcagaacaag gttctggaga 480
 ccaaattggaa cctcctgcag cagcagaaga ctgcccggag caatatagac aacatgtttg 540
 agagctacat taacaacctc cgtcggcagg ctggaaactc tggcccanga gaagctgaac 600
 tggaagtgga gcttggaac atgcaggggc tggaggagga cttcaagacc aagtatgang 660
 atgaaatcca aaagcgcaca gacattggag aatgaatttt gtcattattc aaagaaagga 720
 tgtgggatga agccttacat tgaaccaagg tagagcttgg agtccccgcc tggaanggct 780
 tgacttgatg aaaatcaact ttntacangc aactggtatg aaaaaggaaa atcccngan 840
 aatgcaattt tcaaaatttt tggaaccgt tccgggggnc cctggggcct tgggnaaaaa 900
 naaaccgga aaccttgga ncccgggatn ggggat 936

<210> 1332
 <211> 984
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(984)
 <223> n is a, c, g, or t

<400> 1332
 aaagctggag ctccaccgcg gtggcgccg ctctagaact agtggatccc ccgggctgca 60

```

ggaattcggc acgaggggga gttcagtctt cgttcttctg tgttcgctgc tgacaccacc 120
actaattgac aatgcagatc ttcgtgaaga ccttgaccgg caagaccatc accctggagg 180
tgagagcccag tgacaccatc gagaacgtca aggccaagat ccaagacaaa gagggcatcc 240
ccccagacca gcagaggctg atctttgccg ggaaacagct ggaagatggc cgcaccctgt 300
ctgactacaa catccagaaa gagtccactc tgcacttggt cctgcgctta aggggaggtg 360
ttttaagttc tcccttttaa gctttcgata agttacattg cacttttctt tcaataaagt 420
tgttgcattc caaaaaaaaa aaaaaaaacc nggggggggg nccnggcccc nattncccct 480
tatngggngn cntanaann nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 960
nnnnnnnnnn nnnnnnnnnn nnnc 984

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```

<210> 1333
<211> 1147
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(1147)
<223> n is a, c, g, or t

```

```

<400> 1333
gcctataggg agttgnatta cagtggcggc cgctctagaa ctagtgggaa tccccccggg 60
ctgaaggaat naagcntcng cctntgcgtn gtccttccgt tgtccgccag ccgtcaatgc 120
tcccntccgc gttgctccgc cgnccgggtt nggggccgcc ttngtnnggc caggggtccc 180
ctttttacgc caaaggntgg ccngttgtta aagggccctt tgcnggnggg ntcccgggaa 240
aaaaaatgcc ttancntttg cnttaacca acnagggtgt tttttaana agcgccaaac 300
ttccgcnagg gtggannnng cccaccacaa acnggncnt ttggaatcct tnaaacnat 360
gngccenttt tggangtcnt gnggcnaggc natanttggg gccaccttg angnnggcc 420

```


ccactnnaca aatacttting aagantaggg gncntntgac aaaagaaaaa tggaagactn	480
ctnngaanaa aaaanntggn attgaaagaa actgacntct ttngnannnn nganagaatt	540
ntggggggna aaaaaaaaaa acanttnttg gaaaaangcc acaaggcngg ntcttggttg	600
ggggggcaaaa aaaacgaagc ccncttgggg gntanaaaaa acaaaanccc annatgggnc	660
gccaangga gnttctttna naaaaanntt nttgggaant aggggggntt ccntncnaaa	720
naacttggcc cagggttaana aaaanccngg gccncgatnc ttgagaaaaa ggttgggcct	780
tggnaaaaaa aaaaacccaa ccttcccaat gggncgccnn cnntaccnan nggattcctt	840
cccccnnga aanactgtnc tnntaaaata aancccatth ngggggncn tcacnnnnnt	900
ttttttttt nnacacaaaa aaactctntt tngnggaccc ntcccccttt ttnanttaaa	960
aaaaacancn nctagaaaac annacctttt tttntattc nntnngtng agttngangn	1020
anaaatntan naacaacttt tccccncnn aaaaaanaaa aananctccc cncngggng	1080
gggggtnttn tttnnnnata ananannatt ttttttncn cnnnannanc antntanaa	1140
aaaanct	1147

<210> 1334
 <211> 1357
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1357)
 <223> n is a, c, g, or t

<400> 1334	
ggnnnanggg ngcgcgnaag tcagccaccc ncnncnntt nnagcccnat agtggangtc	60
cgtattaaca aannnattac annnnncccc cngtntncn cccccgten ctgcctcccc	120
tccctccacc ccnctttntt centncgccc nccccntcn tgnnnccnccn cccggngtcc	180
ccnccccctt ntcccccttc tncnancnt tctcngnacn nacgggncc cncacnngcc	240
gentenctcc ccccggncc cccngcntg gccnnttnn nntngtntna ncntcnnc	300
cncctccgc cnntntnngt tccggnntn gctcgggcc cnnccccnt ntatcttc	360
ntcnncgg ctnccccccc cccccctcca ncnntngtcc gnantccgnc gncncccg	420
tctnatctc ntctnnanc ctcgnacnt cgcnnrtggc cncggnntg gnctnntgnc	480
cagcnggctc ntatnantnn cccnnccgn cngcccgct cntcccgcn ncccccttc	540

cncccgcnc cc ncttcncgnc accccgctcc nnntgggtgnc ttncctcncgg ggggggggggc 600
 ccccgacttt tcaccttcgc ggggggtcgcc tcgncngcnn annncnngcn ctactgnnnn 660
 ccncnaccc ngngcgatca tgcancctcn cnntccaatn tccggngccc ncgangcgng 720
 cgncnncgcc tgggtgtgtng cncctcgcg nccctctna cctncanct cnggtttcct 780
 ctcnncncn nncggcnct ntngnccac nnntacctc ggngcnnnn ccccgccct 840
 ccnctcncc ntctnctca gtcccggtnc cngccgcan aagangcngt gagncctnc 900
 tncctctnc nctcngtnn cttatgctc nttncctnc cntancncc ncggcgngn 960
 nncnncgacn annactnttt tacantnnn gantttccgn gaggnannnc tcaactnccn 1020
 tccnnctcn cgccgngctc ttncnncgc ntatncncng cnntntccat gctccgcnct 1080
 acccgcgcg tncaccatc cgnngcgcn ctcgcgcn ncctcgctc cntcccgnc 1140
 gncgcttntn tntncnctn tcnctncgc gacgtncgc tntgngtc cacgctctga 1200
 ccgctctctt acnngtgcgc gcnanngcg cacatncacg ggtccagngc ctagtncng 1260
 cntncgcn tctnccgcgc ncgtcacna cggcgcnnc tcttannct ncanccgcta 1320
 cgttngcgcc ctctncgttc gccncttact cgtcccg 1357

<210> 1335
 <211> 984
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(984)
 <223> n is a, c, g, or t

<400> 1335
 tttnagccta tanggagng natnacagt gggccgctc tagaactagt ggatcccccg 60
 ggctgcagga aanaaacact ggagtgggtt gccatttcct tctccaatgc atgaaagtga 120
 aaaataaagt tgcttatccg ttcagccgng tccaactntn gncnacnccn tnantntan 180
 cccnccaggn tntccgctc ntggaannna aantncnngc ngttantccn ntnaaaaggn 240
 cccngncca ncttngant ntggtnnnna nnaaagnaca agngnannnn ncnnttaann 300
 tcntttnnac nanngcntcn nnnnnntggn ancntcnacc ttnantgggtt ggaatcnttt 360
 aagttaagna ttaanccaan ctngttttct tnggcntgga aacggcacat gagaaataaa 420
 acccttaatg ngggganacc aatccatgtg tggaaccact gtgacataga aantctggca 480
 cacacaccag catganaacc cantngggca nnntgtnana caaannctgt gccatgtgc 540

ccncagtcnc accnnatgnn nattntgcac aaaaaagggn gtgttnaacc ccnntgattt 600
 ggggggncn ggtatacacc antanntcct nnnacaaann atattttggt ggngaagnn 660
 acaggggggtt tcttatataa tgggtgnaatt tttcgaagaa ttaataccgn tgaatnggng 720
 aataaaatnt tatgngtttt attaaaaaaa aaaaaaaaaa aacncccgng ganatattta 780
 ccancntttt ttttttttcc cccaaaaagg gggccccnc nngnnttttn aaaaaanntt 840
 taccctcntt ttttgaaaaa aaacncncn aaaaaaccg tttnggngga atnttngggg 900
 gggttaacct tnggnaaaaa aaaaaaatt cnaaaaaagn gnttnnnngc gggnaaaaaa 960
 cctttttcca aaaaaggngg aan 984

<210> 1336
 <211> 984
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(984)
 <223> n is a, c, g, or t

<400> 1336
 tttnagccta tanggagng natnacagt gcgccgctc tagaactagt ggatccccg 60
 ggctgcagga aanaaacact ggagtgggtt gccatttcct tctccaatgc atgaaagtga 120
 aaaataaagt tgcttatccg ttcagccgng tccaactntn gncnacncn tnantntan 180
 cccnccagg ncttccgtcc ntggaannna aantncnngc ngttantccn ntnaaaagg 240
 cccngncca ncttngant ntggtnnnna nnaaagnaca agngnannn nncnttaann 300
 tcntttnnac nanngcntcn nnnnnntggn ancntcnacc ttnantgggtt ggaatcnttt 360
 aagttaagna ttaanccaan ctngttttct tnggcntgga aacggcacat gagaaataaa 420
 acccttaatg ngggganacc aatccatgtg tggaaccact gtgacataga aantctggca 480
 cacacaccag catganaacc cantgnggca nnntgtnana caaannctgt gcccatgtgc 540
 ccncagtcnc accnnatgnn nattntgcac aaaaaagggn gtgttnaacc ccnntgattt 600
 ggggggncn ggtatacacc antanntcct nnnacaaann atattttggt ggngaagnn 660
 acaggggggtt tcttatataa tgggtgnaatt tttcgaagaa ttaataccgn tgaatnggng 720
 aataaaatnt tatgngtttt attaaaaaaa aaaaaaaaaa aacncccgng ganatattta 780
 ccancntttt ttttttttcc cccaaaaagg gggccccnc nngnnttttn aaaaaanntt 840

taccctcctt ttttggaata aaacncncn aaaaaacccg tttnggngga atnttngggg	900
gggttaacct tnggnaaaaa aaaaaaatt cnaaaaaagn gnttnnnngc gggnaaaaaa	960
cctttttcca aaaaaggnng aan	984

<210> 1337
 <211> 937
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(937)
 <223> n is a, c, g, or t

<400> 1337	
caaaagctgg agctccaccg cggtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggaattcg gcacgagggc cagacgagcg aaggcaggaa ccgtggncgt cggttttttc	120
gttgccccg cnaannccn tttnnngcaa nnangncac cgtcntaaa ncccgaggn	180
ntttntgtan aaggngngga aggttcacc ctncangg gncccagttt annagggcc	240
aaantncctt gtttncacc gnaaggaggc ntttngtcg gaancaaagn ggttncggng	300
gccaaaccaa nccatttttc cggagaaagg ttaaaccccc caaagaatc ggcttaaact	360
tgatncctt gagccccact ngnaaatcca aaaggtgctt gccntttaaa agngccagcn	420
tttttgactt tgaggaaata aaaaaanaaa nggcccagtg attcnnntct tagcttttg	480
attcnttttt tcttntgttt tgagaaaaaa atggttgaag tnccaaaaaa ntgcctggat	540
gggaattaat acccgcgatt tttctactta aaaaaaaaaa aaaaaaaac ttgggggggg	600
gccccggccc caatttcccc tttggggggg nnttanntnn nnnnnnnnnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnn	937

<210> 1338
 <211> 1009
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1009)
 <223> n is a, c, g, or t

<400> 1338
 ancaaanctg gagctccccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggtttgcc nctnatggnt natgcttgnt gtncncanca ctctntcnct ctgtctangg 120
 cnnngaccnn cngcngncgn aangccacna tgtccatcct gaaggancac gcnnгатana 180
 nttntnnctc tcgtgggaat cccaccgacg nggttgatct ctncacacgc taaagggtcaa 240
 tgcntagntg ntgtgccccaa nggatgcttc atcttggaan gtatgangcc ctggggctcc 300
 ggaacantga taagactctc tncatgggaa aagggtgnta aaggngtgac gacctcatca 360
 nnaaaanaat ngcccctgcc ttgnntanca aaaagntnaa ccnatgang cagganaaaa 420
 tccaacctt annataaact ggatggcaca naaaatattn ttgggggtgcn ancgcnatcc 480
 tgnctgtccc tggntatttt aanggctgca gctncgaaaa agggggggccc ctttaccncc 540
 catccccac tttntttgca atgcttaacg ncatcctgcc aattccggct tttnaatggc 600
 cttcacctta ggnctntnan gcttgnaacc anattgggcc ntgcaagggg tttatgnagc 660
 ctttctgtt gggggacnaa anantttccn gcnagggcct tgccccaccc ggaacctnaa 720
 gtttttaacc aaaagcctgg gaaaaaggcc nttnatngng gnaaaaaggg ggggangggc 780
 tttcccacca aacggggggn aaaaannann ncnggttttt tgncccnnaa aatttcnggg 840
 naaaaaccnn aaaaancccc ctggaaccnt nnttgnaaaa aantggcccn ccnnnaaaaa 900
 gggnggggtt tcccctggcc ccaagggcc ccaaaaaggg ggnaangggg ggnaaaangt 960
 ggaccttttg gannnttca angggcccgn ggncaanaaa nggaaccn 1009

<210> 1339
 <211> 959
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(959)
 <223> n is a, c, g, or t

<400> 1339
 tnnnnnaaaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcagga attcggcacg agggtttga gtttgctgtg tctgtattca ntaagcagat 120
 actattttatt taggttggtg taaaggtaat tacagttttg cattgttgaa ttttgccatt 180
 tgatattgaa atacattctt aaataaatga agttatgttt tgaaagtgca agtggttagtc 240
 actcagttgt gtctgactct ttgtgatccc atgggctgta gcctgccagg ctccctctgtc 300
 cattggatta tccaggaaga atactggagt gggttgccat tcccttcccc aggggatctt 360
 cctgaccag ggattgaacc catatctcct gctttgcagg cagattcttt actgtctgag 420
 ccaccaggga agcccgaggt tacgttttac atcattttaa tgcacatttc tcaactttatg 480
 tttttttgnt aatgatntat tacttgctgn ttattttaaa ctagggaaat gatgttagac 540
 aaaaagcaga attgaacgat tttcttattt gagttcaaaa taagncntaa ntcancagaa 600
 acaactancc acatcagtga cnccttttgac ccaggactgn taacaaacat ccggggcanta 660
 acccgttcag gaagcttttt naangaaacc aanagctttt acaatggagg gnggcagaaa 720
 cctggcccnt naaaaattgg ncagggaacca actggggaac ccncccgng ggacttgaac 780
 cntttaccag nttccctngn naaagnngcc caaaaaaact cgggggcnan cccncttcc 840
 nagtggntcn nccnntttna anccaaattt tttanggggn naaaaanncc naaaaaccgg 900
 ggggcccnct ttgagacccc ccccgcnaaa aaaaaacctt ttttttttna aggggatcc 959

<210> 1340
 <211> 955
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(955)
 <223> n is a, c, g, or t

<400> 1340
 tttnacaaan ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atcccccg 60

ctgcaggaat tcggcacgag gcaccagccc aggcttggac aatgggtggg gacatgttca	120
acgccagggt cattcgaaac ttgcatgaac gtcgcagcac caggccttgg tgaccgcagc	180
ccccctctac accttcaaaa tcattattat ttctatctca cacaggactt agtcaaagct	240
tgccctcgcc gtgtatgtat tcattcattc atttattcat tctacaggct ttttttttta	300
aaatcagggc caagtcattn gtatcttatt tttaaccaga gcaataaagt attttttacc	360
acgagaaaaa aaaaaaaaaa aacntggggg ggggnccngg ncccnanttc cccntnnngg	420
gngnngtttn anannnnnnn nnnnnnnnnn nacctggagc acanacaagg ntctgganac	480
cannnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnncn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnn	955

<210> 1341
 <211> 1026
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1026)
 <223> n is a, c, g, or t

<400> 1341	
gccttatntg gagctnnatn ncngtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggcttct ctggtctccn ggtccccccg gccctcccgg ctctcctggt gagcaaggctc	120
cttccggagc ctctggctct gctgggtcccc gcggtcccc tggtctctgct ggttctcccg	180
gcaaagatgg actcaatggt ctcccaggcc ccatcggtcc ccctgggcct cgaggtcgca	240
ctggtgatgc tggctctgct ggtcctcccg gccctcctgg accccctggt cccccaggctc	300
ctcccagcgg cggctacgac ttgagcttcc tgccccagcc acctcaagag aaggctcacg	360
atggtggccg ctactaccgg gctgatgatg ccaatgtggt ccgtgaccgt gacctcgagg	420
tggacaccac cctcaagagc ctgagccagc agatcgagaa catccggagc cctgaaggca	480

gccccgaaga accccgccccg cacctgccgt gacctcaaga tgtgccactc tgactggaag	540
agcggagaat actggattga ccccaaccaa ggctgcaacc tggatgccat taaggtcttc	600
tgcaacatgg gaaaccggtg agacctgtgt ataccccact cagcccagcg tggcccaaga	660
agaactggta tatcagcaag aaccccaagg aaaaagaggc acgtctggga ccggcgcnaga	720
catgaccccg cggattcant ttcgaaatg gcgggcaggg ggtccgatcc ttggcgaatg	780
tggccattca acntganctt ttcttgcgcc ttgaatgttc aaccgaaggc ctccccaaaa	840
aatttcaccc taccattgn aagnaacaaa gnnnggccct aaattggacc aacaanactn	900
ggcaancctt aaanaagggc ctngtttctt ccagggggtc caacgnaaan tcaaaaaccg	960
ggccgagggc aanaagcccg nttttaacct taagggttaa cctaannang ggttgacna	1020
atcnnt	1026

<210> 1342
 <211> 1172
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1172)
 <223> n is a, c, g, or t

<400> 1342	
tttaagncct atagtgnngt cgtattacag nggcggccccg ctctagaact agnggggatcc	60
cccggcttgc agnaattngg nacgaggcctt tttttccgcc tggntatccg aatgggccct	120
gctttatata acactntgcn taggggttcc ngatgaentg gcaaaccccc cttgtttntg	180
gggcctgat nacatnaaga ntttnntn gnnttnagnn annttgacc	240
gggacacaaa nagngcnnnt tngnanncg gngngtnntt ccccnacngg cntatagggn	300
nngtgccatc annttnnccc tatattncac cttancnctn ngctctnaa aanaanatgt	360
ncnnggggtc tanatttttn tnaaaagggg cacttntacc cctctcactt ttgncttttt	420
acaccagn gn caanngnang aacctcttcc ccntctnaa naaagntggn cntntntcnt	480
ntnntncttg tgccnaagg ggggaaanan gntttatttc nnnngnccnc caaaancctt	540
naaaaaaang nggggggcnctn ttctnttttn anngtnttnc ggngngagaa acntatgtcc	600
cctagaanta ttactngana ngganntnct nnnantcagc tcntncaann ctngttaana	660
nngtggnnag aaantanana tnccttaggg ncntanccan gngtatnga tncanncttg	720

nctngactnt cccncantnn acgggannct nagaannan aancntcgt gncctngct 780
 cgcgcnttat tangnnntct annnccggag cccttccnc ntntttntcn agncgttccn 840
 cttntntnta actnnacnaa actttgcttc nnnancccca cctntntttt tntnttttat 900
 gncacnctnn nngcnattgn nctccactng acntcngga gncnnntcnn ccctcccttn 960
 cncnntntga ctanccagct cntgaanact ngccgcannc nnccttnttt nnnagattac 1020
 cnntngnngc nnntgcctcn ctcctatta tncntangna ntngnncnc taangactcc 1080
 ncntannaca ncatngagta cgncattttt aatctcttcg gatnnncant acgnntatct 1140
 tngttncnc cnntctnggg cnnactcngc cc 1172

<210> 1343
 <211> 1316
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1316)
 <223> n is a, c, g, or t

<400> 1343
 tgcnnngnngn nnngccannt cncctnnnnn nnnttnnagn ccnatagtgg aggtcgtatt 60
 acaaanggan tacactncna aancggnggg gtacccccng anttgcncctn atntttctnc 120
 tttntnctt ctntttcncn tntentacgc ntcctncngt ggntnctcng gggngcctnt 180
 ncttctcnnn cncnntcac tccccnccct tnnncnacc tctttncctt gncgntncat 240
 tntccctgt tngtnttcat cattgngtct nctnnctcn gnnngtnngc nagecgnccg 300
 tnnctnncc cctctntntn atngttggnc tcggcncgnc ngccttgtn ttctttnatn 360
 ntctgcnc cnatgnntgc nttntntnt tntntntatt accgcgncc ncnctnttt 420
 ntnttantnt ttgtntcnc nccaccgctn ncttatatcn ntntntgntc ggctttcnnn 480
 agncatncna tnnntctntc tncnatnttc tnncttact ctagnccng nnttcnctc 540
 ttttcttgc nccccncc gtcnngtnnt tctttttntt nngnngcnc tncgtnctn 600
 tccctnnctn gnaantttct ngccatnngn nnanncttt tcntngnnnn ttgcnntnn 660
 annctnnnn cttntntggn ctctangcgg tcnnanann gccngcnntc tgtngcattt 720
 accctttgnt nnggccngc nnnngnctn ctctngnngn tncnnnnncn ggnnnngnng 780
 cncnntnnn nngggtttgt gggntccgn nncntntgt tttcnnngtn ncgncntct 840
 tctatcgnnn gncgtnnata tgnccnttn ntcatttct accncnnnc nngnctcnc 900

tcnnnctggt tttntcttnc cctccncnc tcccttcacc ntctatttct ancncctttc	960
cngttaccnc gcttcgnnct gcangcaact catnntcngc nttatnctgc tnattttcnn	1020
caagcantna tcngngntct cccnggnttt tncacncttt nnttnctctt attnccccnc	1080
tnnnttcctc atnnntctng catcntttgn tnnctantna tggccantnt tanntntant	1140
attttttant gcctcanngt atttnctcac atatttctnc ttttctgttt ntcttcgcgc	1200
tngcnnttag atcagctnct nnttnctcctc natnnatnnt tatcncgctc ttctnnntca	1260
tnnctctngn ntcgncnaca tctcacctnt ngcgcctctg tcncgcgnnc ncncnc	1316

<210> 1344
 <211> 934
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(934)
 <223> n is a, c, g, or t

<400> 1344	
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cctgnaggaa ttccggcacga ggctcccccc tccccccgag cggcgcctctg gcccgcactg	120
cgcctgcctt gagctccggc ctcttgtaa nccagcnccg ttgncnctc cttcnagncn	180
cnntnntnan nnttnnccgg ancntnntta cccttnacaa aangtnntcc nnttttnca	240
aaatccggan ggncnngncc ggcntgnnt ngaaggggna gggaaaaang gnnattagnn	300
caaagggnac nntnannann tncctnntng tggnaannnc ntngttnaa ggcccnaagg	360
ccaanngcn ccaaagncac annattctgt ggtgtnatat ttgattagac ccacnnttg	420
cnggaaacca gntncacaaa anacntcnac aanatgcatt caganntcan gtgatntctc	480
tcaggggnac tnttgaana cagacccana gagngtaacc cttntgnna cgggnngtgn	540
aananaaaa nncatactt tnttatttna aaaactaata tnnntttnt ttgtggaaaa	600
cangaannnn canggggtg gngggtctn tggacncnac cgaggaangg ngtgccccnt	660
atatatnatt ttttatgang gnggtttaga aggtggaaat ntgtcnaant gngnggttct	720
tttgatnana nacctgtgnc ataanagggn ggggnctgct nttttttccc ccaccancac	780
gantnttaa aaaagggncat gatgggtgtct tcngcctctt tttttttttt ttacaaccgt	840
ttnttttttn gggggnggct tttttttttt naaaaananc tcntttntgg ttggttaaaa	900

aaaaaaaaac ccctnttttta ccttttttgag gaaa

934

<210> 1345
<211> 934
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(934)
<223> n is a, c, g, or t

<400> 1345
ttnagcctat ntggagctnc ancncngtgg cggccgctct agaactagtg gatcccccg 60
cctgnaggaa ttcggcacga ggctcccccc tcccccgag cgccgctctg gcccgcactg 120
cgctcgccct gagctccggc ctentgttaa nccagcnccg ttgncncntc cttcnagnen 180
cnntnntnan nnttnnccgg ancntnntta cccttnacaa aangtnntcc nnccttnnca 240
aaatccggan ggcncngncc ggcntgnnnt ngaaggggna gggaaaaang gnnattagnn 300
caaagggnac nntnannann tncctnntng tggnaannnc ntcngttnaa ggccnaagg 360
ccaannggcn ccaaagncac annattctgt ggtgtnatat ttgattagac ccatcnnttg 420
cnggaaacca gntncacaaa anacntcnac aanatgcatt caganntcan gtgatntctc 480
tcaggggnac tnttggaana cagaccana gagngtaacc cttntngna cgggnngtgn 540
aanananaaa nncatactt tnttatttna aaaactaata tnnntntntt ttgtggaaaa 600
cangaannnn cangggggtg gngggtncn tggacncnac cgaggaangg ngtgccccnt 660
atatatnatt ttttatgang gnggtttaga aggtggaaat ntgtcnaant gngnggttct 720
tttgatnana nacctgtgnc ataanagggg ggggnctgct nttttttccc ccaccancac 780
gantntntaa aaaaggggnt gatggtgtct tcngcctctt tttttttttt ttacaaccgt 840
ttnttttttn gggggnggct tttttttttt naaaananc tcntttntgg ttggttaaaa 900
aaaaaaaaac ccctnttttta ccttttttgag gaaa 934

<210> 1346
 <211> 978
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(978)
 <223> n is a, c, g, or t

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<400> 1346
caaaagctgg agtccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg      60
caggaattcg gcacgagggc gagacgagcg aggcaggaac gtggacgtcg ggtctntcgt      120
ttgcaccgcg aagacacctc tinctgaaag atgggtcaacg tncctaaanc ccgcaggant      180
ttntgtaana agngtggan gcttcancct cncaaagtgn ccagtttan gangggcaaa      240
nattccntgt ttccccaggn aaagagggcg tttgatcgga agcaaagtgg ntncggggggc      300
caanccaagc catttttccg gaanaaggct aaanccccca anaaaatcgg gctgnaactt      360
gaatgcgttg gncccaactt gcaaatccaa aaggatgctg gccnttaaaa ggggcaagct      420
ttttgaactt ggaggaaata aaaananaaa gggccaaggg atccanttnt aagcttnggg      480
attcttttgg ncttaagggt tganaaaaaa atgttgaagt tncnaaaaa ttgcctgaat      540
ganaataaat nccgngatnt tccttcttaa aaaaaaaaaa aaaaaaaaaa cttngggggg      600
gggcccgggc cccaatttc ccctttaggg gggnnntna aannnnnnnn nnnnnnnnnn      660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      960
nnnnnnnnnn nnnnnnnnnn

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<210> 1347
 <211> 996
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(996)
 <223> n is a, c, g, or t

<400> 1347
 ggggttnaaa aagctggact ccccgcggtg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcaggc gcgccctgag ctgcagaccg acctagagcc cccgcccctg cccgactgct 120
 caccgcgccg cgccatgccc ttctccaata gccacaacac gctgaagctg cgcttccccg 180
 ccgaagatga gttccccgac ctccagcgcc acaacaacca catggccaag gtgctgacct 240
 ccgagctgta cgccgagctg cgcgctaaga gcaactccag cggtttcacg gtggacgacg 300
 tcatccagac cggcgtggac aaccagggc acccctatat catgaccgtg ggctgtgtgg 360
 ccggcgatga ggagtcgtac gacgtgttca aagagctctt tgaccccatc atcgaggacc 420
 ggcacggagg ctataagccc accgacgagc acaagaccga cctcaacccc gacaacctgc 480
 agggcggcga cgacctggat cccaactacg tgctgagctc gcgggtgcgc acgggcccga 540
 acatccgcgg gntttttgcc tccccccgca ttgaagccgn ggggaagcgc cgggccatcg 600
 anaagctcgc cgtcnaagcc ctgtcgagcc ttggacggng aacctgggng gggangtact 660
 atggcgcttc aaaagccttg acggagggng gagcaacaag caagnttatc gacnaccact 720
 ttcttttttg aanaaanccc gngtcggccc cttggtggtt ggnttttggg cattgggccc 780
 cgggaantgg gcccgaaacn cccgngggga ttttnggnat tnaacgaaaa aataaaaacc 840
 ctttcttggg ggggggatnn aaccaangga ngggaccatt tttggggggg ttatttttcc 900
 attgcnaaaa ngggggggcn aaaattgnaa nggngggngg ttcaaacncc tttttgggaa 960
 aggggcctta acccnaaaat ggnaaaaccc nttttt 996

<210> 1348
<211> 954
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(954)
<223> n is a, c, g, or t

<400> 1348
aaaagctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60
aggantncnn ccctnggnga caaaccgat ntggctgana ttgagangnn cgataagtcn 120
aaattgaaga anacgganac gcaagagaaa aatccactgc cttcgaaaga aacgattgan 180
caggagaagc aagcaggcga gtcgtaatga agcgtgcgcc gccagtatgc actgtacatt 240
ccacaagcat tgccttctta ttttacttct tttagctgnc naactttgta agatgcaaag 300
aggttggatc gagttttaat gactgtgcta ccccttttca catcaaagan tggagaacta 360
ctgacancgt aggccgcgcg tgcctctccc atctgcttgt gtggctggca gggaaggaaa 420
agaacttgca tgttggtgaa ggaggannct ggntgntacn acagngaaat ctacagtaaa 480
aagctgggtcc aaggtgttct gcggnctgta aaatgcagtt taatcagagt gccatttttt 540
tttgttgttc aaatgatttt anttnttggga atgcacattt ttttnttnt gcaaataaaa 600
agttttaaaa cctgaaaaaa aaaaaaaaaa aaaaatttgg ggggggggcn gggncconat 660
tcccccttnt agggggggnnn nnnnnnannnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnnnnnnnnn nnnc 954

<210> 1349
<211> 935
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(935)
<223> n is a, c, g, or t

<400> 1349
ttnnacaaaa ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atcccccggg 60

ctgcaggaat tcggcacgag gccgaggctg cacgcgcgag gctgctctgc cgccgctgag	120
atgcgttacg ttgcctccta cttgttggcc gccctcgggg gcaactcctc ccccgagccc	180
aaggacatca aaaagatcct ggacagcgtg ggcacgcagg cagacgacga tcggctcaac	240
aaggatcatca gtgagctcca cggaaagaac atcgaggacg tcattgctca gggatcggc	300
aagctggcca gtgtgccggc tgggtggggct gtggccgtct ccgctgcccc aggatcggca	360
gcacccgctg cgggttctgc tccagccgca gcagaggaga agaaggagga gaagaaggaa	420
gagtcggagg agtcagatga tgacatgggc ttcggttctgt ttgactagag tcccgtccc	480
ctgcaaataa aacccttttt atgtaaaaaa aaaaaaaaaa aaaaaantng gggggggggc	540
cggnncccaa ttcnccctat ggggngtcgn ttncannnnn nnnnnnnnnn nnnnnnnnnn	600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnn	935

<210> 1350
 <211> 1599
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1599)
 <223> n is a, c, g, or t

<400> 1350	
nnggntnann aatcntncat ncannnnnnt ttnttnttnc cnccccncnc acctctanc	60
tccatcncnc cccncncnc cccncaangg ggggtnacnc gtatgttccc ccnctttnag	120
ccncattacg aacnnnctct cncctctccc attnctcacn aataccttgt ttnnntcttn	180
cttttaaccn ttccnncctc atctcttntt tcatnttcat tcatcatatc antnnnttcn	240
ccnatgaant gtcactctac tctnncact tntaactttt tnaactnnnn atanctnnnt	300
angntngctn angcctnanc tnaatgatac ncaangnttn aannangtct annacnntn	360
ngggatangn nntganagng ngttaccngn nnnnggggana nnnnttngnn ancttantan	420
anctagtntt acttntctaat ctcnncnna atcnnecttg cacgnanccc tgnagctan	480

nncngnnnnn antgtnagan angtggnnnn gngnncanna gnnnnnacnn aacnatanan 540
 ngacnnngnn ngaatnnant ttgnntnnaa natnnantnc nnnnaagttn nttncnaat 600
 cnncgcaact angnnagggn caannactta cntancttcc ccgttttnana ngaaannntt 660
 ngnnatgcnn cgnctatnna nncnatnngn gantcannnn nntaantnan ncnnggncnn 720
 nnnccanngc ttngtcnant anattatnct nnnangcna ntganccggn aacngacgan 780
 ttgacngggg gganganann ggnnggcnnn nnggntanat atgcantngc nacnaagct 840
 ncnggannnc cannttntta nanagtnttn gtgnanntca ngntngggnn cactcnaant 900
 annacgtgtg cgnnctngc tgcaaggacn tcntagnatt aangnnngng tgacnaacac 960
 nntnatgtga ncanagctnt acnntnagtt tcntntgnan acnntgctnn ctgcganatn 1020
 gagtncgncn ngtcnatant ngtcnnncnc natncctnt nntgntnct nttnanctca 1080
 tnnnnagtan ttncctcan ncnctnaac ntgaaatatn cnnctngtc tccttcanca 1140
 tgtcntgan tgancctat gnnngcnann cagnntcnc gannatgtnc tcnncganca 1200
 gcatnantac ntnnannacn taagntatat ntcacntann nnatcgnaa tgtgccntan 1260
 tagagnngcg tanntngag tcntanntnt acacatannn tannnnnttg gcannacacg 1320
 atcctgttan tagtaannnc ttncnnctn cntgtntatg acgttaccn tnggatctgt 1380
 agtgnttng catcgngtna tgtnatgng nnnntatn nctncnatnt tncactntn 1440
 ntactttngt gacgttnnac gcgaannan attannntat anngnactna nccnccgat 1500
 ntntntact nntgantatc tctatcnntg ntntntnta cnatanatgn atnnntgnan 1560
 acatgnctat nacngantg nattaaatnt ctnnncng 1599

<210> 1351
 <211> 1113
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1113)
 <223> n is a, c, g, or t

<400> 1351
 tttancnncn nnaggnnnnc nnttttnnan ngatcncac tacanaacta gggggatccc 60
 cccggggctg gaaaggantc cangnggtca taccanggt tggngatga anggttattc 120
 agngtgcccg nnncttctgt cnacgagcnn antccttggn caacaaaatg anntttnagg 180

acntgggttna ggcaanccan canntcaac aaatggccat ccccgnaaag ngaaaagggc	240
nanaactctt ttctgcttaa nntaancttt agnnaanccc acatngctcn tnnccccnan	300
gggnaanct gaaccatttt tttnnccnc tnnatttng gggnacctna ttcnaanatg	360
tntctaccgg nnnaaaaatt ttttttttaa anaaanctnt tntntgncc cntnttncaa	420
aaaaaangct tagattataa tcnttctntg gcncnctgn nntntnacga aaaaanannct	480
ctngnttggt aagaantnnn anaacncnt ntnagtcnc tntnnganag nnnntacna	540
nggnggtcnc tcnnnnntn nnnntggcgg ngggnatat anacnanccn nnacatcgcc	600
nnntntcttn ngaaatnngn nccttncn tctntntt ttnatttnaa nnangttnc	660
gttnacanan cattttntnn nnttnnnann nnaccncnn cactctntnn nntttntnn	720
tanagnntga gacttatntt acanttcna tatntntng nacatntaaa tcttcttact	780
tcccantgtg cctnnttacn cctgtgntn ntntttcnc nanangnnan ctntntttna	840
tntttntta anactctgn cnantaatcn cnaanacant ngccncatna cagcctnctc	900
nanatcncgn tnacatanan tganacttgt antncncatg aantgnannt cncantana	960
ttcatatnt taanttgacn cctcttatct actancgctn nttnantata nttnttcgan	1020
tcnnnctnta nntnatctac ancgtanna ctttctant aanncattn ancncctaan	1080
ntcacgncna ngantagttn ccncnacnt ccc	1113

<210> 1352
 <211> 1618
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1618)
 <223> n is a, c, g, or t

<400> 1352	
ggtcnnannn agggnnntan ncagncntc annnnnnnnn nnnntttnng cccctcatng	60
tggnantacg gtatttaaca aacgtnatta ccanntacan nnnnnncggc gncatnacc	120
tgcnnctc tcactntncc acccccactc ccncctacnt nnttntntn tcntcnntcn	180
anntncnnn ntncantntt ccnnttnggc gngntcctc cnttctcct cctnccttt	240
nancnctacn ccctctncgn ttttcgcac cnnntcttn tncnctcnt nntnttcgn	300
nnccccccnc ccgctncccc nctccttnc tncngtnc tntnctcct nntntccac	360
cnncttccc cctcgcatt ctnctcctnc ttctccttt ctattntcng nccccnnnc	420

ncctttactn nactattttn ntnattccac atcnnnnctn cntctccntc tttccctnca	480
cnatttcccc gnnnctgccc gccnnccnnt ccnccttnen cgtncctctg tanntnttgn	540
cccnattn cccctctttt nccccntcat ctcccnccc cctnnntttc nttcttttnc	600
tctnctncc gncgcgcgcc cgttctnenc cnccannctt nccnnntntc atctnccccg	660
tcnntntga antctctnnc cnccntcnnc naccntccc ctgntgccc ncnccnacct	720
ncgntctnc cnttaccact nntccnccn cnnntctan tctcttctt ntnacnncn	780
tengcnccc ntncntctc ttntntcta tctnccnct cccccgcct ccatacttn	840
ccnncnngc ancgccact tccatctnct ncntctctc nntttccgcy antctacanc	900
ttactcnac actcccnncn ttcnncnncn ntctcgctcc accncacgcc ntgantntgn	960
acnnnctac ctccnccgctn caccntcnnc nccagcnnc tcntcnctn tcncttcatc	1020
tcnccncta cccccntnc natntnctcc cncctgnng cnatctnca nctttctca	1080
nntctctnt cccatgctaa accnctcnn ctncntatc nntccgcttc tcnctcct	1140
ccntntccg ntcgtntcc cnnnccgnt cncctccgn cntnctnanc ctctgtnnc	1200
ngctcancn ctactnnct ntnntcata tcntcatctn accgnnnccg catctnntct	1260
tctnncatnt acttctatnn ccccaccgn tattctcnc ccacagnncn cntactctca	1320
cnncttntc tcacatctct cgatcnctn cncctaccg cgcctgcca cgcnnctctc	1380
ngnctcttc ttaccgcgn tctacantcg actcttcgcc ccatctgtct cncctaccc	1440
tctactcta cnntcntnnc antgtatctn ctacntntn nnnnctnan atatnnncta	1500
nacttctnt tctctctct annctctan agtctcttc tcntngcntc cnacntccct	1560
nnctctnnc tgctcccatc gaatnnnccg nntanacaac cccccgnnt nttcgcg	1618

<210> 1353
 <211> 1046
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1046)
 <223> n is a, c, g, or t

<400> 1353	
tttgagccac catngggagn ngcnttacag tgnnggccgc tctagancta gnggatccct	60
cgggctgcag gaaattncag cacgaggnc atntngnttc accancagct ctactgnagc	120

cnnggcgata aaattcggcc agggttctcg ntcttgccgn ctctgctcca accggcacgg	180
tctgatccgg aaatacggcc tcaatatgtg ccgccagtgt tntccgccag tatgcaaagg	240
acatcngnct tcnttaaggt acgctggcgn acgccatggn ctctgttnc agganagggg	300
cnacaanccg gnagntcggc gtccgngntt gattcagngc cgttcatctc tttcagctaa	360
gcngggcnc ttnctttgta agncggacaa caacagcnga naggctcgnc agncatctta	420
atagganttg aggggganng tgaaggctnt gnaaaangta gatnttcnta atacctnttt	480
acccatntct gnnagntgta ggtagctata tgtaacngta ggatanacnt tnttttncc	540
gaantccttt nnacatgaaa acnttaaata ncctaatacat atccttngtn aantttnncg	600
ncaaaataac ntgccctctg aaccggcttg cccttgaacn taacctgaan naatgggtcaa	660
tgtnccctga nccntcnang ggtctngagg gcccagtaa nacccttctt aggaannccn	720
naacgcccn nccnttctaa tnatnncttt atngacntct nngtcnnant cgagttcaca	780
agnntaaana cnttntcccn ngggnannaa nncaactann ntggnttcnc ttncaaaact	840
tantanngtc anngnntttt ttggncnnnt nnaacgttct ccttcnnngt nntnntngnt	900
ttntntntnt annncgcncn aantaanntt cctcancng tgtttnnttc agaannaana	960
natatngang ccncnatcaa ctatgctant tnnntnctca naanncaccc ttcatngtnn	1020
gagacnacta cctntattnt ttntcg	1046

<210> 1354
 <211> 1046
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1046)
 <223> n is a, c, g, or t

<400> 1354	
tttgagccac catngggagn ngcnttacag tgnnggccgc tctagancta gnggatccct	60
cgggctgcag gaaattncag cacgaggnc aattntgnttc accancagct ctactgnagc	120
cnnggcgata aaattcggcc agggttctcg ntcttgccgn ctctgctcca accggcacgg	180
tctgatccgg aaatacggcc tcaatatgtg ccgccagtgt tntccgccag tatgcaaagg	240
acatcngnct tcnttaaggt acgctggcgn acgccatggn ctctgttnc agganagggg	300
cnacaanccg gnagntcggc gtccgngntt gattcagngc cgttcatctc tttcagctaa	360
gcngggcnc ttnctttgta agncggacaa caacagcnga naggctcgnc agncatctta	420

atagganttg aggggganng tgaaggctnt gnaaaangta gatnttcnta atacctnttt	480
acccatntct gnnagntgta ggtagctata tgtaacngta ggatanacnt tnccttttnc	540
gaantccntt nnacatgaaa acnttaaadc ncctaatacat atccttngtn aanttttncg	600
ncaaaataac ntgccctctg aaccggcttg cccttgaacn taacctgaan naatgggtcaa	660
tgtnccctga nccntcnang ggtctngagg gccccagtaa nacccttctt aggaannccn	720
naacgcccn nccnttctaa tnatnncttt atngacntct nngtcnnant cgagttcaca	780
agnntaaana cnttntcccn ngggannaa nncaactann ntggnttcnc ttncaaaact	840
tantanngtc anngnntttt ttggncnnnt nnaacgttct ccttcnnngt nntnntngnt	900
tttntntnt annncgcn nantaanntt cctcancnng tgtttnttc agaannaana	960
natatngang ccncnatcaa ctatgctant tnnntnctca naanncaccc ttcatngtnn	1020
gagacnacta cctntattnt ttntcg	1046

<210> 1355
 <211> 1086
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1086)
 <223> n is a, c, g, or t

<400> 1355	
ttganaan ctggagctcc accgcggtgg cggccgctct agaactagtg gatccccgg	60
gctgcaggaa ttcggcacga gggctntacc ancgaggcag gaacgtggac gtccngggg	120
tactcgtttg caccgacga gacacctcta ctgcaangat ggtnaacgtn cctaaaaccc	180
gcagganttt ctgtaagaag tgtgnaaagc atcnacctca caaagtgacc cactataana	240
agggcaaata ttnccctgnnt gcccangga agagngcnct atnatcnnaa ncaagtggc	300
tactctggnc nancnnagcc aatattctnn antaagnntn atanaccncc accaatnanc	360
gngcttagac ttgantgctt ttgancccat nctnnctnt cccnncngga tncctntccc	420
atcactagnn tcccngcatn tttgnaactt ntannnanta ntaaganana nnnnncnggc	480
cnnatntgat cacagnttnt cnntgcttgn cggaantnan ttntnannnc ttantnttc	540
naanaaagaa aattncttga aatttnannt catacatctg cncnnaatn annantacg	600
anannnnccc atantttttt tgtntcgcan nnnnnnnntnn atatnttctn nccctnntng	660

ngntttcctt cnnttcccn gttctttnnnn ttnttatntt tatttntna nccnctaant	720
antenntntt gnntnntttt cnttgcnccc ntntntnttc tntttnnant cctnntttnt	780
ttttnnca tgttccacta ntctctctt ntgttntat attgntccta ncnatcctnt	840
nttntntccc tcttnttanc nagngtgntt acntntnttn nccntttann ncntgntcac	900
cttntnatgn nntctntnt nctctnttct ctacnctcn tntntntct ctcnancnt	960
aacnnnatch ttatntttgn natctnttac acntntgaac anccntntca ccattgttna	1020
tcnctccttn tcctctnctn tncatntnnn ntntaccatcn nnttnatcct tcnntcncac	1080
cncnct	1086

<210> 1356
 <211> 974
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(974)
 <223> n is a, c, g, or t

<400> 1356	
gnggttnaan aaanctggag ctccccgcgg tggcggcgc tctagaacta gtggatcccc	60
cgggctgcag gaattcgata tcaagcttat cgataccgtc gacctcgagg gggggcccgg	120
taccaattc gccctatagt gagtcgtatt acaancctga anagncttna acctnctann	180
tgncgctgaa naaagncang acgtcaannn ngatcangag acaaccaatt atactaccgt	240
acaatgtaan annncantc nattccctat antgagctct cataacaaat accaatcata	300
attggaggat tcggtaactg acttgttccc ctaataattg gtgctcccga tatagcattt	360
ccccgaataa ataataaag cttctgactc ctccctccct cattcctact actcctcgca	420
tcctctatag ttgaagctgg ggcaggaaca ggctgaaccg tgtaccctcc cttagcaggc	480
aacctagccc atgcaggagc ttcagtagat ctaaccattt tctctttaca cttagcagga	540
gtttcctcaa ttttaggagc catcaacttc attacaaca ttatcaacat aaagcccccc	600
gcaatgtcac aataccaaac ccctctgttc gtatgatccg taataattac cggccgtact	660
actactactc tcgcttcttg tattancaag ccggcatcac aatgctatta acagaccgga	720
acctaaatac aacctnttn gaccccgga ggangan accctattct atatcaaac	780
ttaattttgg attctttggg accccccga aatcttatat ttnaatctt aacctggggt	840
ttgggaaana atcttcttat tatcggggaa cctacttact tcanggaaaa aaaaagaacc	900

cnttcnggat atattgggga anaggtttgg ggctttttaa ngggcaaata gggaantttt 960
aagggtttca atnn 974

<210> 1357
<211> 1086
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1086)
<223> n is a, c, g, or t

<400> 1357
ttgaaaanca tctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg 60
ggctgcagga ntncanccnt nggntttntn nccgatntgg ctgncatngn gangccccgg 120
gnagnttcna atatgaagan nncggntacn caanatatna atccactgcc ttcnaatgaa 180
acgatntgaa cangagaagc aaagcantgc nattcntaat gaanccgtgc gcncgnccgt 240
cngcactgtn ccatntccan naaagcatnt gccnttntta tttttaactn cttttnacnc 300
tgtctaacct tngttaanta nnctnaagga gggttggatn tgagcttnaa attgacntgt 360
gctacnccct ttccacatca naanganntg gagaactact gncaacgtag gccgcgcctg 420
cctctcccat ctgnntagtg tggctgncac gggaaaggaa annaanttgc attgtntggt 480
ganaggacng antnctgttt gnttaccacn gtgaaancta cagntaanaa agctggncca 540
anggnccgntn ctncntncc tggaaaaaat gcacttttna atcaaaaggt gccttttntt 600
ttntnttctn ttncnaanna tttttaattn attggnaaan gccncaaatn ttttttntt 660
antgcanaaa naaaantnct naaaanccnt gnnnccann gnnaaaanaa aaacatnnng 720
ngggggggnn ngggttcccc cattcccacc ttntntnngn ctnttnnna naaatataac 780
cagcccccgat ancctnnctn ntntncnnnn nccntntcnn ccantttcct tnnnncantn 840
ntcctntntn tncnntctn ttttntttt cccnttttn ccnncnttnn tttanncttg 900
cannctcgc cntnanactt acnnnctaat ncttcnnnc ccaaantcc canctnnct 960
nttcttange antnanntcc tnatccaanc aagacntatt acacnttct nttactnntt 1020
tnttactntc tcancctnch ttatcttaca cactcgnntc tcnatttnca nagtcnanch 1080
tnacch 1086

<210> 1358
 <211> 899
 <212> DNA
 <213> Bovine

 <220>
 <221> misc_feature
 <222> (1)..(899)
 <223> n is a, c, g, or t

 <400> 1358
 nacaaaactg gagctccccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggaattcg gcacgagggc tgacaatgac atcggagctg tctcaacgac agggcacggt 120
 gagagcatcc tgaaggtgaa tctggccaga ctgcgcgtct tccacgttga acagggaaaa 180
 tcactagaag aagctgccaa cgcactactg ggtcatatga agtcaaaggt caagggcgta 240
 ggtgggtatca tcatgggtcaa caaagcagga gagtgggcgg tgaagtggac ctccacatcc 300
 atgccctggg cagcggcaaa ggatggcaag ctgcactcgg gaattgactt cggcgacacg 360
 agcatcattg acctgtccta aacccccaga agctgtattc tagaaactag cttggagggtg 420
 acgcacggtc tcttggcgtg nagacttanc ttcattcaatt agatctagaa ctagaaaaat 480
 tctgcagcct gtcactcgtt ttgttgctn gatcagtgtc tggttggggg cgggttccaa 540
 agtgtgtgag anacgcccat gttaagataa aaataagacc agtgaagatg accaacttca 600
 cggagcctnc cttatgaaat aagtcccat tgtcttgaga ttagaaagaa gaaaccngca 660
 agatcttaac agtaaagaaa gggcctcgat gcagggaacg ggtttggaag ttgggggacc 720
 tacagcanta acagaagctg tangttcaag ggtgtggggg gttcgganga aaaggctntg 780
 gggccaggac ccatgcaggg ccaacaggcn ggaaggancc nnnnggaccc cgggnaaggg 840
 acccggnnc caaanttatg gnaccctgga ttgttgcaaa cttantttaa aagncggaa 899

<210> 1359
 <211> 1644
 <212> DNA
 <213> Bovine

 <220>
 <221> misc_feature
 <222> (1)..(1644)
 <223> n is a, c, g, or t

 <400> 1359
 ngcncggcg ncgctgcgnt cntnnnnnnn nnnnnnncc cnnnnntcct cncccccnc 60
 acttttncct tcnntcctcc ntcaccncc ctncccnang ggnggnnagt nngtnnggna 120

tctttccctt tnagncccca taggagccgc atnacanggc ccccgctccn gcatctagtt	180
ggntnccccc gncctgcan geantctnca taantatgca tttttttctc ttctcctccg	240
gnggncncnc nnttatntca ngncctcntt atngatnaac cnnnnntnnn ntntncntna	300
tnngnngnaa accttntanc nngatttntt atgnnnnnat nacntntnca ngannnctng	360
annntatnct ngcntngnan anaatccann ttaaaggccn agnnnnnanga atttnaatnn	420
ncngccaatc anntnnntna nnattannnn ntaaaanccc naaanctggc atcntcnnnn	480
actacntatt ccttntatn annngcangn taaannnnnn atctatnaan gnccgcangc	540
nnncccanat ncnttatacg ngtncnnaaa atnnnncggg ncgatncnac ntcnctcncn	600
canantntac ctengctnnn anttntntat annnanttng nanntntatg nnnntntna	660
nnntnattga nnntnnngnn gganaggngn cnnnatannn ntncntttnc gacnccngc	720
ncnnngaant cagccattct naattcnncg nncgtttant agnntcgant tcnantnnaa	780
ctacggctcc taaactcccc ntntntannn ngtcantnnn tatcggtatt natcgcgacn	840
ccgannattt ntttgtactt cgncanncta ntcnanggac nacantaaat ttancncnac	900
nntcngatan ntttanntng ntgnnacnca ncncatnnn ntatncgtta ctttacctct	960
ncngtcggag cgncangcct anntcnttcc tantcntaan cctnttcgcn nnncntgacn	1020
cnaacnncnt ganatnnntt atncataant tangtnngct atacnaacgn nnanttnctn	1080
nncacgcnga aannncntnc nctctntcct ntnactnanc nnttcngaa ccanagtgt	1140
ngtnanantg tncatntnt cngtnannct ntcnnntcaa cttntncata tncnngctgt	1200
ggatgctccn atntgnnaac aatacgnacn nccncntgga ntcnnnanc gnnccgnactn	1260
tanacngcna cncataatn nacgncgntn ncttcatacn cnacncacnt atnatancgt	1320
atcannctnc angccagann cncgncatag ngtnntngat cacacctgcn ntnngcata	1380
ncgcatntac ntgtncatcc naccnccata tngtntttat tattcgcnnt gtggatncac	1440
acgaananan ctcgnnactc tcatnannct nagtntcatt ntctntatct atnatgncng	1500
nacanntacg tcgatatacg nntgctcnnt tatcttgtnt tcgacatnat gtngnaatgc	1560
tagtggnac tnnntnannt gtgntctttn atactacgga gcannanaca cacactcnat	1620
anagtantga tatcactagn tccc	1644

<210> 1360
 <211> 1620
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1620)
 <223> n is a, c, g, or t

<400> 1360
 ttttgaaggn cccntantnn gtggangttc ggtcatttaa caaggtgttn tttcccanan 60
 nantacacnc nagcngntan nnnntntang agcattctna ttntcactn tangtnntta 120
 atcatnacgt agntntctcc gagancctgc nanaatcatn agcnnnacnn tantntana 180
 cggggcnntn acntgnctan tagtgnnca nncagnanag natnanaggc gacncntnga 240
 naggacgttt natgngacaa nagganttga gaagctncga atgngnatcg caannngnga 300
 nnnatgacac tcnnangacg acnatatgag annanantnn nnnnnagtnc nngnntntan 360
 ntangtagtc ttngntgttn tngntgancn nangctntng gagagttnan nngnagtng 420
 cgtcttgtnn nntgnggann ggantgnga gtaggnatat nnagttcgtc ggtttcnngt 480
 gnctacgaga cnannncgan tncatnngnn atntngtgag nntnanctng tcgaagtnc 540
 ntcnnaacgn ntatnnatnc tcntaagaca ntacangatn nngatngtcg atganatnnn 600
 tattantnnc gcagcnaggn gactcgngtn gtcgtnntgc antcnnngnn tgnccnnnat 660
 nangagtant gannannnnn tncgagttna cgacactaac nnttgaata nnctnnanta 720
 ntnnnagcga tgntnnaacn tttaatngtc ngcanatntn tnntnagcan nacngnnacn 780
 aanngatgac gcatgnnttg tcnnccnnta agtnntnttg tnnngnnnnnc gtcacnntgg 840
 antnttnnnn ttntntgnnt ctncncncnn tctngttng tnggtannng ngnagaagan 900
 ctcaacnanc ncttacnatn ntcttacnta tngtcngncn gatnnntgng nntnnaancg 960
 ngannatact gttnnaantn cgcancctgnc natgtancnn tannnnacga ntnnnanatn 1020
 ntncaannt acgnantcna ntnnttnngn ntacntntcg tncntctnan ngncnatnan 1080
 tgannacgga anntcngtnt atnggcgnnt gctngacttn aacnaccnnn nngngaattn 1140
 gactacnntg gangagntnn ggaaggnact ancncattg catanntnta tnagagncnt 1200
 tgnttnnnntn tncgtaantg tatnacgana cctaaggggt cgntgacgng taccngtgng 1260
 tnnncgacag nangtgncng acgnnttang gacgcntcga natagtant ntnnattccn 1320
 annntagacn ncnnttaggt natangnacn gnnnggannac ngtangatnn ncnaacgnan 1380

caacnttntg tagtntnctt nnctnnangg ancgannaaa nnnngacnct nnnaacngaa	1440
gcaanatacna aantgagcga cntatgtacg nnacgnatgc acnnacggaa tgcnaacgnt	1500
cnaacggaaa gnttnnnnnng nnacgtatctt aangtnngtn ncggnagnga anngtangta	1560
gnngnacgnnn tcgaacggat gcnagtaata cgnanntntg ngacgtnaat tacgcnacgn	1620

<210> 1361
 <211> 1043
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1043)
 <223> n is a, c, g, or t

<400> 1361	
gncctantag tggagtngta ttncatcgta ttacactcta naactagtgg atcccccggg	60
ctgcaggaat tcggtcacga ggaccantga caaagatagg antacanngt gtattaggnn	120
ancntcatt cttgcactaa gcaccagaag actnganaaa tctaaaaaac aaaaaaana	180
nctcattnaa ctaggataat tcaaanggaa tattaaatcg ataaaaccag gactcacntg	240
ccaaagtncn catcangggga cgctcacatn tngtttcctt ccatataaaa cttgtnngcc	300
gctatattna aagccttttt tccaaatatt ttcattgant ttctgcnaga tctanagctc	360
tgctcagtgc ctctacaaaa cagngtacaa ttnttatact gcntnganaa tccccccggt	420
aanaancatg tgcancntng caanantttt tgctcaaaaa catnantgac ctgagagcaa	480
ctnncccttc tattcctaata tgctacctac aggaccagca gggagaantn tccccctttc	540
cccnncanag aataactgtna tgcaatttac nnnnnnggat cntnaggcct tgntgaaaat	600
tgangcctca ccctgaaatc nataagcct cccagggga agnnaattct ctncngcttc	660
tgtnctaaan tngtnccn nncctagtn ngtagantcc acttttncgg gcaatttttn	720
attaaancaa aaatncttgg tgtncttttt cntagaacaa nctattatat tcatttttcc	780
ccncatttnc tantnaaaan cccannnggt ntacctnnn taacctcta aaaaatctgn	840
cacttttccn gggcnaanaa aggnnacta ctttttctaa ggngataatn caanattccn	900
ttntctact nggtgtgggn ttaancntct ctttttaggca angngngtcg tnataaaaaa	960
cngnctnctc tccccaanng tnnnttgn nntgtntnan nntttttcga tattnaanaa	1020
ntntttcccc ccngaccccn gcg	1043

<210> 1362
 <211> 1049
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1049)
 <223> n is a, c, g, or t

<400> 1362
 ttgagncctn ntagtgnggt ngattacan gtgnnggaen ntntagaact agtggatccc 60
 ccgggctgca ggaaattncg gcacgagggc nanntgggtc accagcagct ctactgganc 120
 cntgctntaa aattcggcca gggttcttnc tcttgccggn tctgctccaa ccgncacggt 180
 ctgaccta naatacngnct caatatgtgc cncagtgnt tttccanctg cataaggaca 240
 tgggcttntt taatgcacag ctgncggacn ccanggtctc ctgtttcagg gagngcgcag 300
 aagccggtan gntngncgtc ggcnnrtgat catttgencg gtcttctctn tccctagcag 360
 ggctntncct ttgtntcggg acaacacant tnanaggcac cgngnttctt ttnaananga 420
 ntgaggagng angnganngc cnnncanctn ntagtatnnn ntaanacctt tttacccatt 480
 ntntgcnagt ttntaggtgc tataatntcta tngngannaan aaaacnttac tttttcacia 540
 ntcnctaata atgannccnt tnantnccct taancattat nttgggataa ttttttcncc 600
 nttaananca tgcctttgaa ncgtttttcc ctntttattc acccgancta nggatcatgt 660
 nccnccnccct tgagnggtnt nnnctcntgn antnnacccn tttttaagac ntcanaaggc 720
 ttcncttcaa tnnagactatg gccttcnna actttcggcc ctaagggtccn ttaaangntn 780
 anncttttnc ccncgatnna anaantgann tncctanggn ntcnattgaa nanaannncc 840
 ttttgtnaaa ccnntnttcc tttacntcct caaataanca actttnaaan tttnannngc 900
 nnttnttttt nncttnnaaa aaantaanna acnncctngg ccccntctgt aaggaaacta 960
 aaaanccctg cccnccctct ctntntttta tttnccaagt nntnnacgcn tctcnnttgn 1020
 gttnaatatt aaaacncttg ttntntnccg 1049

<210> 1363
 <211> 1049
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1049)
 <223> n is a, c, g, or t

<400> 1363
 ttgagncctn ntagtgnggt ngtattacan gtgnnggacn ntntagaact agtggatccc 60
 ccgggctgca ggaaattncg gcacgagggc nanntgggtc accagcagct ctactgganc 120
 cntgctntaa aattcggcca gggttcttnc tcttgccggn tctgctccaa ccgncacggt 180
 ctgaccta aatacngnct caatatgtgc cnccagtgt tttccanctg cataaggaca 240
 tcggcttntt taatgcacag ctgncggacn ccanggtctc ctgtttcagg gagngcgcac 300
 aagccggtan gntngncgtc ggcnnntgat catttgencg gtcttctctn tccctagcag 360
 ggctntncct ttgtntcggg acaacacant tnanaggcac cgngnttcnt ttnaananga 420
 ntgaggagng angnganngc cnnncanctn ntagtatnnn ntaanacct tttaccatt 480
 ntntgcnagt ttntaggtgc tataatntcta tngngannaan aaaacnttac tttttcacia 540
 ntcnctaata atgannccnt tnantnccct taancattat nttgggataa ttttttcncc 600
 nttaananca tgcctttgaa ncgtttttcc ctntttattc acccgancta nggatcatgt 660
 nccnccct tgagnggtnt nnnctcntgn antnnaccn tttttaagac ntcanaaggc 720
 ttcnctcaa tngactatg gccttcnna actttcggcc ctaaggccn ttaaangntn 780
 anncttttnc ccncgatna anaantgann tncctanggn ntcnattgaa nanaannncc 840
 ttttgtnaaa ccnntnttcc tttacntcct caaataanca actttnaaan ttnnannngc 900
 nntntttttt nncttnnaaa aaantaanna acnnctngg cccntctgt aaggaaacta 960
 aaaanccctg cccnccctct ctntntttta ttnccaagt nntnnacgc tctcnnttgn 1020
 gtnnaatatt aaaacncttg ttntntncg 1049

<210> 1364
<211> 948
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(948)
<223> n is a, c, g, or t

<400> 1364
naaaagctgg agctccaccg cggtaggcgc cgctctagaa ctagtggatc ccccgggctg 60
caggttcctg ttaactctta ataaacttac acatgcaagc atctacaccc cagtgagaat 120
gccctctagg ttattaaaac taagaggagc tggcatcaag cacacaccct gtagctcacg 180
acgccttgct taaccacacc cccacgggaa acagcagtga caaaaattaa gccataaacg 240
aaggttggac taagttatat taattngggg gggtaaatct tcgtgcccg ccccgggggg 300
ccntccaata ancccanntn acangnnntc cgggttaaagc gnggtaaagn nccntaccna 360
atangggtna attcttactn anctggnaaa agncntgnnt taaatnaaaa tnaatgncga 420
aagggnccct nccatnnncg ncnncntn nntnanancc naactgggan tananncccc 480
antttgntta nnccttaacc ccgnttattn ccttaaccaa attattcngc ngannnctnc 540
tnnccacngn ttnaaaactna aaggacntgg ngngnntta ttttcntnta gangnancng 600
gtntnatatn gataaaanccc gntaaacctt anccaattnt tggttatacc gtntatttac 660
cggcattttt aacnaancct taaaaaaaaa aaaaaaaact tngggggggg gcccgggnc 720
caatttcncc ctttagnggn ggnnttttna nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnc 948

<210> 1365
<211> 972
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(972)
<223> n is a, c, g, or t

<400> 1365
ancaaagctg gagctccccg cggtaggcgc cgctctagaa ctagtggatc ccccgggctg 60

caggaattcg nnancaagct nnnccctacc nncnacctcg nagnnggncc cgcccccta	120
ggantcccta tgnctgagtg ntattacaat caggtacaac tgcaaganan nacnttggnn	180
nnnanccaag ctggnctctat ancaagcaan ctgnntctat gatannngnt cttaacatga	240
tgaccctntt ntagagcanc cagatcacaa tgaaaacatc nctnctgtan ngntctggcc	300
catgatgnta tntcctcant atcnntctga ctcccagcaa tnaatataca gcgtngcana	360
aaaaacaaat nccacttggtg ggggggacctg gngaccgaag taanccttag atgntgtnaa	420
gaaacagcct tgcatacgng cctggaatgt tanctncctg aatcaaggtn anttgaaaat	480
gntcaaatnc gacatgctcg agngaacata cncattttac gaactcnggg gacctnaaat	540
gnactgggaa tgggtgaact taacttcana taaccattat ttctacttcn gggggngggg	600
aattctttat aanaaangga nttncnttat ggccacacaa aaattttgaa atgcanctnt	660
tgggtgcatn cttaaaaacg gcgggaaaga tcnctggtca tttccanggc cnttcnttc	720
antatnacan aanttccaag gctttncccc ccccaantn ttctttgttt aanctccggn	780
ttgaacaatt tttgggaaaa acctaaanaa acccttgggg aacttaacaa tccccnaag	840
gaatntcctt ttttcccnna ccnagggann ngnancccc gtttttcccc aaatttnaag	900
ggcggggntt ntttttttg gttttaaccc ccnngggga nttcnccctt tggggaaaaa	960
aaaaaaaaacc cn	972

<210> 1366
 <211> 1367
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1367)
 <223> n is a, c, g, or t

<400> 1366	
ttttgaanca ccattctgga agctccactc gcgagtggcg gctcgnctta gcaactagn	60
ganccactcg gnctgaanna aattcnaanc ccnangattt tntntccnc ccanttacan	120
cnncagcanc cnnnctncaa taggggggan cntnttnnaa aacatcnnt taaancncn	180
ccccntcac atcntcnnc natctnnttc cnnnccttcc anannannt cctcnnann	240
actaaanac cncctannan canntatnta cntnnnnata atnccnnntt tccntttntc	300
tcacaataat ncgaanatta taatcatnan ncnccnaanc ncnacanan cnatntnnn	360
cnaattcgaa annttcnntn cnaanagcnt aaacnatnan annnatnnn ncnctntcn	420

ananntaacn acnnatncaa ntcnccccac cnnnanaana atncacccac ncaccctaaa	480
nntacnatnn atncnncaen ntaanannat tccttctcac tancaattna tnatacttat	540
ngnnnnncgc tntanntnn tnaaaanctn nttnanatan ccaatcntca ctcatngcnt	600
ncccanttcg ncntnaatnn tncattacna ccanncgnc ctnnccntca tatctnnntn	660
cncnatnccn cnnnatncat acanantcnn cantgaaccn ttaattntnn nntnaccnct	720
nnanncncaa tcacctanca nanttnnccn cctcncnctt nactanaeng ccnntcaann	780
cncatctnat cnannanccc ctaactannt ncttcnnnt ncanctcnac ccnagnacct	840
attaacaacn nnnaaantnt naattacntn tannacnaan atctacaaca tatcagatcn	900
nctttcnntn accacctacc atantantc natcatcttc canacaatcc tnnccctacc	960
tnnntccnac cnntcaccnn ncnccaccaa tcancnatca cnnnnacctn cacnantatc	1020
ttcactannc aancanntca anttctctct attaacanca atccnctnc ttcncanca	1080
aanatcanan ncacacncan cncntttnc nctcntnna acngcctagc ccncaatnnn	1140
ntcancntcc acaacantna ctcacacata cncnatactn aaacnnntna gacncacttn	1200
ttncncanac cattncagtc ctacncnntn tnatactat ntgtnacnta nacncaacnt	1260
ctacnanata cantanaccg ntantcacac nacngnnaca cnnacacaca ctcgtnntan	1320
tacaancgnc acctcntctn ngngnnncan tcgtcnctac antcgcc	1367

<210> 1367
 <211> 932
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(932)
 <223> n is a, c, g, or t

<400> 1367	
ttnnacaaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg	60
gctgcagggtt cctgttaact cttaataaac ttacacatgc aagcatctac accccagtga	120
gaatgccctc taggttatta aaactaagag gagctggcat caagcacaca ccctgtagct	180
cacgacgcct tgcttaacca ccccccacg ggaacagca gtgacaaaaa ttaagccata	240
aacgaaagtt tgactaagtt atattaatta gggttggtaa atctcgtgcc agccaccgcg	300
gtcatacgat taaccaagc taacaggagt acggcgtaaa acgtgttaaa gcaccatacc	360

aaatagggtt aaattctaac taagctgtaa aaagccatga tttaaantaaa aataaatgac	420
ganagtgacc ctacaatagc cgacgcacta tagctaagac ccaaactggg attagatacc	480
ccactatgct tagccctaaa cacagataat tacataaaca aaattattcg ccagagtact	540
actagcaaca gcttaaaact caaaggactt ggcggtgctt tatatccttc tagaggagcc	600
tgttctataa tcgataaacc ccgataaacc tcaccaattc ttgctaatac agtctatata	660
ccggcatctt cagcaaacc cttaaaaaaa aaaaaaaaaa acttgggggg ggggcccggg	720
ancccaattc gccctttaag gggggnnnnn taaaannnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nn	932

<210> 1368
 <211> 1005
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1005)
 <223> n is a, c, g, or t

<400> 1368	
gcctatnngg agnngnatna caagggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggagaacc tgagcaaaga ggagctgata gccgagctgc aggactgtga aggccttatt	120
gtccgctcgg ccaccaaggt gacctctgac atcatcaacg cggcagagaa gctgcagggtg	180
gtgggcaggg ctggcacagg cgtggacaac gtggatctgg aggcgcaac cagaaagggc	240
atcctgggtca tgaatacccc caatgggaac agcctcagtg ctgcagagct cacctgtgga	300
atgatcatgt gtctcgccag gcagattcct caggcggcgg catctatgaa ggatggcaag	360
tgggagcggg agaagttcat gggaaccgag ctgaatggaa aggtcctagg aattcttggc	420
ttgggcagaa tcgggagaga agtggccacc cggatgcagt cctttgggat gaagaccata	480
ggctacgacc ccatcatctc gccagaggtc tcggcctcct tcggtgtgca gcagcttgcc	540
cctggagcag atctggcctc tctgtgactt tatcactggg gcacacacct tctcctgccc	600
ttcaccacag gcctgctgaa cgacagcacc tttgcccagt gccaagaagg ggggtgtgct	660
ggtgaactgt ctcgaggagg gatcgtggac cgaaaagggtc cctgctccgg gccctgcan	720
tccgggtcag tgtnccttggc gctgcncttg gacgtttttc accggaggaa ccaccccg	780

accgggacctt	ngtgaacctat	tgagaatgtn	atcaacttgc	ccccacctgg	gcgnccagcc	840
accaaaggaa	gnttaaaatc	ccttgggggg	gaaggaaaac	gcccttccat	tttttggaca	900
tggggaaaag	ggaaggccct	tggccggggg	gttttaanng	ccaagccctt	ncngaatttt	960
ttttcacanc	cccaaccttg	ggncaatctg	ggttaaanct	tttng		1005

<210> 1369
 <211> 1108
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1108)
 <223> n is a, c, g, or t

<400> 1369	
ggcctatagn	gagtcgnatt
acnggggacg	ccgctctata
actagtggga	tcccctgggc
	60
tgcaggannn	aaagatgcnc
atttaccaga	cggcccntgc
actaanagac	cntgntgggn
	120
ggncttgntc	tccgctggga
ancactntnt	gtagaaannc
nngncngaaa	ctantatcta
	180
gcctgganca	cctncctttt
nccangaggg	gatttcattn
ntgtggatta	ctctggttgt
	240
cctnaaaaanc	anatgccnnn
ncatchanga	acanannagn
gaganntnnn	gactnagntn
	300
tttnaccag	ancnaccncg
ctntnggatt	ccncagattt
gnatgcnngn	gcagccntca
	360
ntngcaaaat	cntnangaga
gcttntggcc	gnggaaanan
natntaanat	nanngaattt
	420
atcccngntc	ncgantcnaa
gntttgannn	ntnttgtggn
tgatagtngn	gtgttncntn
	480
nnannnnctn	cntttttactc
ntttcctnnn	cgatnnnnncg
ggcnnnnnnn	annncgtcnn
	540
ngcctnggct	ntatagcgtn
tantnnncnt	ntnttctnnn
tnacannntn	cgatnnannn
	600
atnannngct	ccgctctcan
tgcnnggattn	ataannnnntn
tgnnccnncnt	nttatanatc
	660
ttcncnctca	ntntttnncc
tttttnnccn	cntactnnnc
tctnccgtnt	cttgaanna
	720
ntntnccncc	cntttttccn
cntnatnnnn	tatttcnnnc
anncctccc	ctggtngnnn
	780
ncntcantct	netgactcnc
tantcttnat	tantannnan
tagttacatn	cnnnnngtna
	840
ttntctanan	ttntancttg
tcacgntntn	nnncncgta
tnnntagcaa	tctctncaat
	900
nnncagtgan	nntangttcc
tcnacgatch	tnctctcgac
ntggtagtag	gtnnctcgta
	960
taannncngg	nttgncnct
ntattnntn	natactnttc
cttgacgten	cntnngancn
	1020
nngctngaag	gtcntngann
aantntccna	tnactagcna
ngtctccgat	gatgaccngc
	1080

tntcttnnag cncnactncc gngnacct

1108

<210> 1370
<211> 988
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(988)
<223> n is a, c, g, or t

<400> 1370
gccctatang gagntgnatn acanggggcg gccgctctag aactagtgga tcccccgggc 60
tgcagggcag ggctgaggca acggtgccca cctccggct ctctctctgc tttctgcgc 120
ctccgctccg ctctccgccc gccgccatga cggaacaggc catctccttc gccaaaggatt 180
tcctggccgg gggcatcgcc gccgccatct ccaagactgc cgttgccccg atcgagcgcg 240
tcaagctcct gctgcagggtg cagcacgcaa gcaagcagat cgcgcccgac aagcagtaca 300
agggcatcgt ggactgcata gtgcgtatcc ccaaggagca gggcgtgctg tccttctggc 360
ggggcaacct ggccaacgtc atccgctatt tccccacgca agcgctcaac ttcgctttca 420
aagacaagta caagcagatc ttcctggggg gcgtggacaa gcgcacgcag tttctggagg 480
tactttgcgg gcaacctggc ctccggcggg gcaggncggg gccacttccc tgtgcttngt 540
ctaccgcct ggattttcgc ccgaaccgc ctngcgggcc gacattgggc aattcggggc 600
agtgcgcgc agttnannng gccngngaga ttgncctggt gaagaatcac ccaattccna 660
cggcatttcn gcnggctgna ccaagggcct tcaacnggnt cngtgncagg gccatcaatc 720
atcttnccnn ngccggcctt actttcnngn atntactaaa acctcncaag ggtatgtctc 780
nnccnaancc ccaangaaca acgcannatc ntgggtngan ncattngtat gaatcncnc 840
ntananccgg tgacngagtc ngantgntgg gtcttggtnt tttctacccc nttttanna 900
nccgnttct gctngggnc atttaataan ttcatnnttc ngngggcnca angggaancc 960
nnnantntct ttctccntag ggncgccc 988

<210> 1371
 <211> 965
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(965)
 <223> n is a, c, g, or t

<400> 1371
 tttnagccta tanggagngg natnacaggg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcagga aattcggcac gagggcaaca tgggtcacca gcagctctac tggagccatc 120
 cgaaaaaatt cggccagggt tctcgttntt gccgggcctg ntccanccgg cncggccnga 180
 nccgnaannn cggcctnann angnnccgcc ngggttnccn ccagnnnnca aagnnnnntg 240
 nttnattnaa ggacccnngn ngccccnnn ggnntcnngt tnaaggngg gccaacancc 300
 ngnanttnng gggcngggnt tgnanaatgg cngttttntt ttttaactat acnaggnttt 360
 ttcttttgta cngacacaca cacantgaga gaggnngcn cntcatatnt ataatagata 420
 tgagaggggg atatganaag cgctgtgaaa aaatatattt tttctataac ctctttacac 480
 anatcttggtg anatttatag gcnntatntn angtgngggn anacanaann nttnacaaan 540
 ntctntaatg agacanntta tcaactctaca tatntcgtga aanttcngna aaaaaaannc 600
 gnnnnncnnct gtcctnnnaa acanaaatatg ggcatntgta gagntctngn tgtttggnn 660
 canataccct tttagnaaga ancaagactg tgttttataat actataactn ttgtggacaa 720
 nctcananaa aataattttt cttgctgaaa aaanaataat aagggtggtg gaaaaaanta 780
 ttatgttgac gggttnttgg gttgcttnca aaaaacntna aaagggtggt ggggtgtttt 840
 tttannagga agaaaaaatt tnttactggc tgcttttttna aaaaaaaaaa actggcncta 900
 cctttttttt tttnatnaatn aanaaanncc nccnnngttt nttaaaaacn attttttttt 960
 nanan 965

<210> 1372
 <211> 965
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(965)
 <223> n is a, c, g, or t

<400> 1372
 tttnagccta tanggagngg natnacaggg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcagga aattcggcac gagggcaaca tgggtcacca gcagctctac tggagccatc 120
 cgaaaaaatt cggccagggt tctcgttntt gccgggcctg ntccanccgg cncggccnga 180
 nccgnaannn cggcctnann angnnccgcc ngggttnccn ccagnnnnca aagnnntng 240
 nttnattnaa ggacccnngn ngnccccnnn ggnntcnngt tnaaggngg gccaacancc 300
 ngnanttngg gggcngggnt tgnanaatgg cngttttntt ttttaactat acnaggnttt 360
 ttctttggta cngacacaca cacantgaga gagngtngcn cntcatatnt ataatagata 420
 tgagagggggg atatganaag cgctgtgaaa aaatatatnt tttctataac ctctttacac 480
 anatcttggtg anatttatag gcnntatntn angtgngggn anacanaann nttnacaaan 540
 ntctntaatg agacanntta tcaactctaca tatntcgtga aanttcngna aaaaaaannc 600
 gnnnncnct gtcctnnnaa acanaatatg ggcatntgta gagntctngn tgtttggncn 660
 canataccct tttagnaaga ancaagactg tgttttataat actataactn ttgtggacaa 720
 nctcananaa aataattttt cttgctgaaa aaanaataat aagggtggtg gaaaaaanta 780
 ttatgttgac gggttnttgg gttgcttnca aaaaacntna aaagggtggt ggggtgtttt 840
 tttannagga agaaaaaatt tnttactggc tgcttttttna aaaaaaaaaa actggcncta 900
 cctttttttt tttnatnaatn aanaaanncc nccnnngttt nttaaaaacn attttttttt 960
 nanan 965

<210> 1373
 <211> 980
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(980)
 <223> n is a, c, g, or t

<400> 1373
 aaaaagctgg agctccaccg cggnggcggc cgctctagaa ctagtgatc ccccggtg 60
 caggggagga ggcgttgag tcacgggtca gcgggagcca gcaaggagg ggacagccac 120
 ggagagctga ggatgaggat tcggccccg gcgctcaggc tctcaggacg ngcctgtccc 180
 agggccagcc tntgagctcc agcaaagccc cgacccgntg cggccntatt gtctactctg 240
 canactgtcc gacccaggct ngngctgtg cctgcaggag ggcgcccccc ggnatcgntg 300
 anccaccatn ttaggacttg agaggccccg ctggggacca cgagacnaac ccccaggct 360
 cagctctgga ttcaccgagg cccactcttg gggctgtctg ctgcttgggt ccttttcggg 420
 accccaaccc ttccaggccc ttttttgcac actttttccc ccttcttgcc catnttcccc 480
 gnantgccgt gccaggcctg aagggtggtg gntgggttaa ggctnancca ttaccatttc 540
 acacctgtcc caaaatntga taccctgca aagggaagg accacnctgt tttccnaatg 600
 aaagtntttn ccaaaaaana cctgggtttn ggnaanaatc ctttttcttt gctttcaatt 660
 tttccnaagg naaaacccca atcctgaaaa tntttaccct nggggaggga aaaaaccct 720
 tgaattccna aaaaaacaaa cccttaaaaag gggtttggga gganggganc cttggggccc 780
 tggnaaaggc ccnttgggg gccntttgtt tttctttctn gggagggaaa cccgggnttt 840
 tccccaaggg ggggtttggg ccnttttgn aaaattnnaa aaanttnggg gcctngtttn 900
 cattggnaaa aaaaaaagnt ttttttcccc ngnaanggt ttaaaaagga aatttttttn 960
 ccccccnaa aaaaaanggg 980

<210> 1374
<211> 981
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(981)
<223> n is a, c, g, or t

<400> 1374
ttnancaaan ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggaa ttcggcacga gggtaagca cacattttan gagaagctnc ctgctcatct 120
tgtgaagggt actgctgacc acaaggagca gatggctcca ttactgatgt tagtgctttt 180
ccagatatga gaagatgcaa gaattaggct cataaaatct cctgaaaata tccacctggt 240
ggcgtgttct tccagggtttt ccagagcac agagtacctc gttctcgatc tccaccttga 300
actcctttca ggggtgtgta aggtcagtgc ctgcagtggc tagtgactta atcctttag 360
aggcagaggg cgactgacac tttttagctg gcaatggctg ggattacacg gcagagtcca 420
aattcagctg gagggcccagg acccccgagc ttctcctcag aggacgggtca gggcctcagc 480
tgccagtggg gtggcgaccc tgccgtgcag tgggaagggc tgggttcttg gttccccctct 540
gaaaagtggg gttctagcca gggaggcacc ccgtagccc cttgcacca agggtaggaa 600
ggangtcctt ggganggacc cntngnctgc acatcaagnt ttaccgngac ttttactgga 660
gtcggcaaca ccgtaaatta aacacgtgct tntttctnca atccanggtc ttgggcaggt 720
gaaggaaata ggccatttta aaaaaatgct ttgnaaggga ctttccctgg gggggcccaa 780
tgggttaagg aactttcncc ctttccaatg ccaggggggg ggcaagggtt tgaatcccct 840
tggncagggg gaacttaaaa atccccccat ggcctttgng gggccaaaaa aggcccaaat 900
tcttttcttt ccnnaagcc cncnttnnt naaccaaag gccaatnaaa anaacttttt 960
tnaaaggnaa aaaaaaaaaa t 981

<210> 1375
 <211> 992
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(992)
 <223> n is a, c, g, or t

<400> 1375
 ttnnncacaa gctggagctc caccgcgggt ggcggccgct ctagaactag tggatcccc 60
 gggctgcagg aattcggcac gaggntcaat cgcangtttt nanagaanct ggctgcntnt 120
 gcagcnnctn nnaccgntng acccaggnan cntnnntntn nctnactgnt nnnangncna 180
 ttccatnggc catatntcnc cntactntcg cacntttttt nngccnacac antggnacag 240
 ntgnctgntn antctnggtc ctggaggann tganattant agnancctat ataanccctt 300
 gtactccttt aaggacntn gcngnaattg nctgcncna naaaacactg nnnntngat 360
 natgattnng gngatntgan tcttcataa tagncaatgg ttgaanaaca cgctttatga 420
 ncttatcagn ccgtnggcnt gcaacncnat nntttttcat tttaggaccn tctaagtctt 480
 nanttgcnna tgctgggaaa nncatncann cangancaa gggtcnggga nagctttccc 540
 ctttganaga tgggattgaa gnaaagaaaa atcncctngt tcttntgtag ctccaangtg 600
 aggaatggaa aaaacgtgnt nggcttcgta tgccatgcgc acccnnatnt nctttattnt 660
 gnactgggtc nttaacctct gaaaataccc acaggacgtg gataantnt tggcctttta 720
 ccnngggagg aaaagggcca anaaacaatt caaaaccttn nccttaggaa ggtcccttaa 780
 ntngnnggct tgccatgggg tntnnaaaat ttanccttgg ccncnnngg gggttgccaa 840
 ttngggaaaa ctttgccctt ttgggnttna aaaaaacngt tttttnccct ttttggggnn 900
 nnnncccnna aaantttttn ttnagggggg ggcncctttt ttnaannnnc ccctnttnnn 960
 nnnnnnnnt taacagttaa nggnannttt tn 992

<210> 1376
 <211> 1054
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1054)
 <223> n is a, c, g, or t

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<400> 1376
tttgaacaac agctggagct ccaccgcggg gggcgggccc ctctagaact agtggatccc      60
dcgggctgca ggttcctggt aacaggngnn tnnangagnc atgcaaaacn tcnacacccc      120
atagggnatg cnnnnnaagn tatnaanact aagaggagct ggcatacangc acacacnctg      180
tanctcacga cncnttgctt aaccacaccc ncacgggaaa cancagtgac naaaattata      240
gccatatacg aaagtttgac taagttatat tanttagggg taggtaatat ntngtgccag      300
ccanctgcgg ncatacgatt aaccccngct aacanggagt acngccgtaa ancngtggtt      360
nagcaccata ccaaataagg tttaaattcta actaagctgt nanaagccat gataacnana      420
tnanttantg acnanangng acnttacant tncngacag cactatatnt aagaccana      480
actgnggatt agntctccat tntgcctaan cctaannaca ttttattaca tancacaaca      540
atttnttcnt cagaantnct actatcaach nnctttataa acnttanagg acttttgng      600
nnngctttta tattncattg tttnnaaggan gcctgnntnt attnattcng antnaaanca      660
cncgatcnaa anctttnccc aattcnttnc ctantntcnn cnttntnaaa cncggccatn      720
tttcatctaa ncctctaant tgataaacia aaaannnata attnnnnngtg gngggggncn      780
cncnngatcc ncnaattctn nngctctntt ngnnnagtcn attttanaaa acgtttccna      840
nnngtntcan gnttttnttc nnctccnca ncnctnttnn cncnttatnt anangntctt      900
gntnntannt nntttcntca ntantatgtn ncnantnata cnttatntac cnnctgagtn      960
gagatnctac nctgtncnta gtatgntacg nagcgcnaatt tntacatntt cntagtnntg     1020
ntgntnnncn ntcannatng cncngttga tncg                                     1054

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<210> 1377
 <211> 989
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(989)
 <223> n is a, c, g, or t

<400> 1377
 cctatctgga gctncaccgc ngtggcggcc gctctagaac tagtggatcc cccgggctgc 60
 aggcgtgaag gttggagtct ctccagagaa gctccgcttc cgacagcaca tggagaatga 120
 gatggcccat tatgcctgtg actgttggga tgctgaatcc aaaacatcct atggctggat 180
 cgagattggt ggatgtgctg accgttcctg ttatgacctg tcttgtcatg cgagggccac 240
 caaagtccca ctctagaccg agaaaccttt gaaagagccc aaaacagtca atgttgttca 300
 gtttgaaccc aataaggag caattggtaa ggcgtacaag aaggatgcaa agctggatga 360
 ggagtacctc gccatttgtg atgagtgtta catcacagaa atggagaaac tactgaatga 420
 aaaaggggaa ttactgttg aaactgaagg gaagacgttt cagttgacaa aagatatggt 480
 caatgtgaag agattccaga aaacactaca tgtggaagaa gttattccaa gtgtaatcga 540
 accctctttt ggcttgggca ggatcatgta tacggtattt gaacacacat tccaagttcg 600
 tgaggagat gagcagagga cgttcttcag tttccctgcc gtágtagctc cattcaaagt 660
 ttccgtcctt ccattgagcc agaaccagga gttcatgcca ttcgtcaagg aattatcgga 720
 ggcttgacc aggcacggca tcttttacia agtanacgat tcctcaggat ccattggaag 780
 acgcttcgcc caggactgga tgaaaatggt gtggcttttc gcataccctt ggacttcgat 840
 cnagngaacc aanacctca cacgggccct tttgcgggga ccgagacttc ctgccggaaa 900
 atcanaacca naagtctntt gaacctggcc catgttntcc gcgatttggn caatggcaac 960
 nncntttggg cggatntgga ggcccaann 989

<210> 1378
 <211> 988
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(988)
 <223> n is a, c, g, or t

<400> 1378
 nctatctgga gctccaccnc ngtggcggcc cgctctagaa ctagtggatc ccccggcctg 60
 naggttnaga agngnccatc tcccagacgg ccctgcanca naagaccctg aggggtgncc 120
 tgtgctccgt cggaancac cgcaggagg antgcctggn ggaaactnag atcagcctgg 180
 cggacctacc cttttccagn ggggttttca ntctggggta tacntngctt ctttcaaagc 240
 attgcctttg cnaaaaaata anagaggacn tgggnantcg gtttcaaacc anccaccctt 300
 tggmntccca naaantngtt cagtgaccn tttntngaaa aaacttaatg tantnttttg 360
 ccgggaaaan aaatttcccc naaaaaanaa cccgngggga aaaaaaanac acangnccca 420
 annggantag tttncccctc taaaaggccc tnaaaaaatt ttggcccnaa agnggctcna 480
 aaaaaattag tggnnnggng nactnttttg ggnaaaaaca cantcttcnc aagtntgcca 540
 aaanaagnng ggccccacca ggaaaaaaaa cngttngtgc naaaaactnt nntaacaccc 600
 cccccccag naaaaatnct cttnttggtt taaaaanaaa cccccccnn ncccgggcgg 660
 gggnnccctt ttttttncc ccnaaaaaa acaaaanntt nnttgggcgc ccnnccnccn 720
 tttttttaan aaaaaanaa anttggnncn ttccaaaaaa atnttnctcc cngggggggg 780
 gannccann ncnnnnnggg gggannnnnt naaanngggn ggggnnnggn nnnccccnnc 840
 nnttnnaaaa aaannttttn tnggggggna annnnnnnnn ncnnnncnnn aannnaaaaa 900
 annngggggg ggnccccccc cccnnnnng nnnnnnnnnn nnnntnnnn nnnnnnnnnn 960
 nnnnnnnnnc cnggggnnnn nnnnnnnnc 988

<210> 1379
 <211> 980
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(980)
 <223> n is a, c, g, or t

<400> 1379
 gcncatctcg gagctncacc gcngtggcgg ccgctctaga actagtggat cccccgggct 60
 gcagggctcgt cttggagggtg actcggcgtg attgaatttg cggcatcttc gcattcactc 120
 acaggtcaaa atgcagatct tcgtgaaaac cctgaccggc aagaccatca ccctggagggt 180
 ggagcccagt gacaccatcg agaacgtgaa ggccaagatc caggataagg aaggcattcc 240
 ccctgaccag cagaggctca tctttgccgg caagcagctg gaagatggcc gcactctttc 300
 tgattacaac atccanaaag agtcgaccct gcacctggtc ctncgtctga ggggtggtat 360
 gcanattttc gtgaagaccc tgaccggcaa gaccatcacc ctggaagtgg agcccagtga 420
 caccatcgag aacgtgaagg ccaagatcca ggataaggan ggcatcctcc ccgaccagca 480
 naggtctatc tttgccggcn agcagctgga agatggccgc actctttctg attacaacat 540
 ccagaaagag tcgaccctgc acctggtcct ccgtctgagg ggtggnattg canaatcttt 600
 cgtgaagacc ctgaaccggg gaagaccatn acctggtat gtggagccca nntgacacca 660
 tnaatatncg tgganggccca anatccagga taagggangg catttcccc tgnaccaanc 720
 anannnctta aacttttnnc ccggccaagc agcctnggaa nanngccccg canctctttt 780
 tntggtttnc cnacanttcc angaaagaag tccgaccct tnncnaccct gngtcttncn 840
 tnctnnaggg gggggnttnc catnatnctt nctngnaatg acccttgncc ggggnanaaa 900
 ncattctccc cntngnangt gggannccca ntggatcncc ctctcnnnna acctnnnang 960
 gcccntaat ccccngnann 980

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<210> 1380
<211> 935
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(935)
<223> n is a, c, g, or t

<400> 1380
ancaannctg gagctccacc gcggtggcgg ccgctctaga actaagtgga tcccccgggc      60
tgcagggttt tttttttttt tttttccnn nggnnnnnnn aangggncnn tnttnggttt      120
tttttnnaa aaaaannntt tttcnngggg ggcntttnnn ngggngggna accnngnctt      180
tnnnntttcc gggaaggggg ggnaannnnn tannttnncc cnggcnnnaa antngccctt      240
ttnancnncc ccccnntttt ttttttnatt ttggtttttt nnggataaan aaaacccctt      300
nttnnccggg ggnnngnttt ttttttccan nanggncttn ntttggcccn tanngggngg      360
gcccccntn cagggnnttt tttngggggg gnccccncc cnnttttccn cnntaaaanc      420
cnngcaccga ttttttnaag gggnaaaaagg gntntnaact ttccnccnt ttnnngggnt      480
tttnnggggg gnngngaaaa aacgcccncn nttttttttt tnnngggccc cnntcccngg      540
nnnaaaaang ntnttttctg ngncagacc nggggggaaa acccccnctn tnacaaaaaa      600
attttttngg cccccncng ggcncntttt tttgnnaaac ccctccnaat ttttnngggg      660
gggggngggg ccccanttnn ccnntaaaan gggngggggg naanacnnnn nnnnnaaaaa      720
nnnnaacttn gnnnnnnnnn cnnnnnnncn cnttnccann nnannccna nccnnanngg      780
nnnnncncc cnggccnngg gnnnnnnnan nnnccnnccn gcnnggccnc nnttncccn      840
ggggaggncc nnnannnnnn nnncnnggan nnncccccn cncnncnann angggngccn      900
gncnnggna ancccggnnn nnnngncccc nnnnn      935

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<210> 1381
<211> 935
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(935)
<223> n is a, c, g, or t

<400> 1381
ancaannctg gagctccacc gcggtggcgg ccgctctaga actaagtgga tcccccgggc      60

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tgcagggttt tttttttttt tttttcccn nggnnnnnn aangggncnn tnttnggttt	120
tttttnnaa aaaaannntt tttcnngggg ggcnttnnn ngggngggna accnngnctt	180
tnnnntttcc gggaaggggn ggnaannncn tannttnncc cnggcnnnaa antngccctt	240
ttnancncc ccccnnttt ttttttnatt ttggcttttt nnggataaan aaaaccccct	300
nttnncgggg ggnnngnttt tttttnccan nanggnctn ntttggcccn tanngggng	360
gcccccntn cagggnnttt tttngggggg gcncnccncc cnnttttccn cnntaaaanc	420
cnngcaccga ttttttnaag gggnaaaagg gntntnaact ttcncccnt ttnnngggnt	480
tttnnggggg gnnngaaaa aacgcccncn ntttttttt tnnngggccc cnntcccngg	540
nnnaaaaang ntnttttctg ngncagacc nggggggaaa acccccnct tnacaaaaa	600
attttttngg cccccncng ggcncntttt ttgnnaaac ccctccnaat ttttnngggg	660
ggggnggggg ccccanttn ccntaaaan gggnggggn naanacnnn nnnnaaaaan	720
nnnaacttn gnnnnnnnc cnnnnnnc cnttnccann nnannccna nccnnanng	780
nnnnccncc cnggccngg gnnncnnan nnnccnccn gcnnngccnc nnttncccn	840
ggggaggncc nnnannnnn nnncnnggan nnncccccn cncnnnann angggngccn	900
gnncnngna ancccggnn nnnngncccc nnnn	935

<210> 1382
 <211> 993
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(993)
 <223> n is a, c, g, or t

<400> 1382	
aaaaagctgg agctccaccg cggtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggaattcg gcacgaggaa caacgccntg ntntntntn ngaannngan cnggaaagcc	120
cnnnncgnat ncgantnan gctgancggg accgactcac agnnnnnacn aangcagcct	180
gatgtnacac atngnnaccc atnatnttct actgtcncaa tcnacatgta ccannangca	240
tgngccnagc ngntnanacc ttgatcaagt taatgctatt gangctanag gntacacntt	300
ntcanancct gancnagggc cttgggaagn anntgcgnaa nctncnaann gccattnttt	360
ccncgccgn gatacagggc gagtacatga tccngtgcca gaaggnnncc ancctgcctt	420
angtnaccgt gaaactgggg ggtaaggact acgcgctgtc cccanaggac tacgcgtca	480

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aggtgtcgca agccggcacg accgtgtgcc tganoggctt catgggcatg gacattcccc 540
cgnctggcgg gccggttttg atnctgggcg acgtctttat ngggcggttac tacaccgtgt 600
tcgaacggga acanaaaccg ggtgggcttt ggnccaaggc tggcccgggtt ttaacttggc 660
ccccgcttac ctggttggan tncaaaagaa gaaggcggcc caacaaaaaa aacaaaaaaa 720
agnanaaaaa antttttgct taaaatttga ctttcnagnt ngcaaccaa anncccgatt 780
atttcccaag ggcccntngg gncennaatt tngggtttcc gggggtttcc cccttncctt 840
gggggcnnna aaaagccngn nttgcnnngg ncnnngctgg gcntggncng gnnngaaagg 900
gggaagggna anccttgga ccccaaantt gggggggnaa antttccggg gggcncaaaa 960
aancccnttt ttttttaaat ttggnaaaaa acn 993

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<210> 1383
<211> 936
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(936)
<223> n is a, c, g, or t

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```

<400> 1383
ttnaacaaaa gctggactcc accgcggttg cggccgctct agaactagt gatcccccg 60
gctgcaggaa ttcggcacga ggggtgctcgt cactgatata cagngnactc cgaaaagggg 120
gagtcctctg gcaaaaatgt cactttgcct gctgngttca aggctcccat tcgacccgat 180
attgntaact ttgttcacac caacttgcgc aaaaacaaca nacagcccta tgctgtcagn 240
gaattancag gtcatnaaac cantgctgan tcttggggta ccgacagagc tgtggctcga 300
attcccaggg ttcgaggttg cgggactcac cgttccggcc agggcgcttt tggaaacatg 360
tgtcgtgggg gccgcatggt tgcgccaaact aagacctggc gacnttggca ccgcagagt 420
aatacgacgc anaagcgata cgccatctgc tctgcaactg ctgcctnagc cttaccaagc 480
gctggtcatg tctaaanggt catcgtatag aggaagttcc tgaacttnct ttgtgggngg 540
aagataaagt ngaanggcta caaaaanacc aangaggctt gtgttgcttc tgaagaaact 600
taaggntctg aatgatatcn naaaaggtct atgcctctca ncgaatgaaa nctggcaaa 660
gcaagaatna aaaacccgng gccgtatcca gcgcangggg cccttgcntc ntntataatg 720
ngggacaatg gnttcattca nggccttcaa aaacattcct ggaataccct gntaaagnaa 780

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ncaacttnac antttgnaac ctgcttcctg ggggcaccng ggaacttttt tcttttgaat	840
gaaaaggcct ttccgaaagt naaaaaaact atttgggcct tggngaaaaa nnnncctcct	900
ttaaaaaaa cnttnaacct tnccttttnc naaaaa	936

<210> 1384
 <211> 974
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(974)
 <223> n is a, c, g, or t

<400> 1384	
tnnnnnaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg	60
gctgcaggcc gccatgggcc gcgtgattcg tgggcagagg aagggcgccg gctccgtgtt	120
ccgcgcacat gtgaagcaca gaaaaggcgc cgcgcgccta cgcgccgtgg atttcgccga	180
gcgacacgga tatatcaagg gcatcgtgaa ggacatcatc cacgaccgga gccgcggagc	240
gcccccttgcc aaagtgggtt tccgggatcc gtaccgtttt aagaagcgga cagagctgtt	300
catcgtgct gagggcatcc acaccggcca gtttgtgtac tgcggcaaga aggccagct	360
caacatcggc aacgtgctcc cgggtgggcac catgcctgag ggcaccatcg tgtgttgtct	420
ggaggagaag cctggtgacc gaggcaagct ggcaagagcc tctggaaact atgccacagt	480
catctccac aaccctgaga caaagaagac gcgagtgaag ctgccttcgg gctccaaaaa	540
ggtcatctcc tctgccaaca gagctgtggt cgggtgtggt gcttggaggt ggccgcattg	600
acaagcccat tctgaaggcc ggccgtgcct accacaagta taaggcaaag aaggaactgg	660
ttggccccgg gtggccgggg tgtggccatg aaccctgtcg agcattcctt ttggangngg	720
caaccaccaa cacattnggc aaaccctttt attntttgca anaaaacccc ccttgctggg	780
ccccggaaan ggggttttta tttgttgncc cccccgaaa aggccctttt tcnggggaaa	840
cccaaaaant gggccnggaa aaaaggaaaa ccttgggggtt ggggcttnaa aaaaaaagt	900
tggttttttt tcccacctgg gaaaaaaaaa aaaaaaaaaa aancttgggg ggggggggcc	960
cgncccccc tttt	974

<210> 1385
 <211> 974
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(974)
 <223> n is a, c, g, or t

<400> 1385
 tnnnnnaaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggcc gccatgggcc gcgtgattcg tgggcagagg aagggcgccg gctccgtgtt 120
 ccgcgcacat gtgaagcaca gaaaaggcgc cgcgcgccta cgcgccgtgg atttcgccga 180
 gcgacacgga tatatcaagg gcatcgtgaa ggacatcatc cacgacccgg gccgcggagc 240
 gcccttgcc aaagtgttt tccgggatcc gtaccgtttt aagaagcgga cagagctgtt 300
 catcgtgct gagggcatcc acaccggcca gtttgtgtac tgcggcaaga aggccagct 360
 caacatcggc aacgtgctcc cgggtggcac catgcctgag ggcaccatcg tgtgttgtct 420
 ggaggagaag cctggtgacc gaggcaagct ggcaagagcc tctggaaact atgccacagt 480
 catctccac aacctgaga caaagaagac gcgagtgaag ctgccttcgg gctccaaaaa 540
 ggtcatctcc tctgccaaca gagctgtggt cgggtgtggtg gcttggaggt ggccgcattg 600
 acaagcccat tctgaaggcc ggccgtgcct accacaagta taaggcaaag aaggaactgg 660
 ttggcccccg gtggccgggg tgtggccatg aacctgtcg agcattcctt ttggangngg 720
 caaccaccaa cacatnngc aaacctttt attntttgca anaaaacccc ccttgctggg 780
 ccccggaan ggggttttta tttgtgncc ccccggaag aggccctttt tcnggggaaa 840
 cccaaaaant gggcnggaa aaaaggaaaa ccttgggggtt ggggcttnaa aaaaaagtt 900
 tggttttttt tccacctgg gaaaaaaaaa aaaaaaaaaa aancttgggg ggggggggcc 960
 cggncccccc tttt 974

<210> 1386
 <211> 997
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(997)
 <223> n is a, c, g, or t

<400> 1386
 cnnnancgtg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggaattcg gcacgaggan gacatnnnac tgcnnnnntta tgngtgcntt cctggctcct 120
 gccctnnggn angntgcgaa tgccntgnan canctgganc gnnatgaccg tganccttggg 180
 cgtggaggac catatnacac catcntanac ntntatggng gaaggcatgc acaaanntnn 240
 ctggccgacn aggaccagca acaggctgan ctttnccgnc acacaggggc gtgatactnn 300
 ctatctgtna nactacacc tacganatga ggtggctctg atcttgaatc tgntgctgna 360
 catnnggcng tgttngnttn ttatttncca anctctatnc annncctng aacttncttt 420
 tcactncata tgttgctttc gatntaatnt tgacagccag tacnggggnc cccgnncccg 480
 ttatntatnt ccaaaanct tgggaaaaa gngtaattng accaaaaaag gatatttggt 540
 tttgctatta caccaaatac agttcanatg cttattgttc tttttttta ccaatttcaa 600
 tttcaaatg tctcantggt gctataataa ataaacttca nactcttcc aataaactg 660
 cgttacattc tttgaatcct anccatttt cagagcaatt gacggtgctt accattaaaa 720
 agattacctt nctttttgaa acagtcaagc aagaaattag aaaagaactt ctgtttcaac 780
 taccttaacc tgggcagaaa cataangaat tctatgagnc caaaaaaaga aaaatttgnc 840
 cnaaangccc aaaacttacg ntccttaa atgggtttta aaaaaantng aacgnggggc 900
 aagaaattaa aanaaatant tttngannnn ccnttatat cttgaaantc aactggtttt 960
 aaaggggctt ttnttttttn nggncattgg ngggcan 997

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<210> 1387
<211> 1093
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1093)
<223> n is a, c, g, or t

<400> 1387
gccctatagt gagtcgtatt acagtggcgg ccgctctaga actagtggga tcccccgggc      60
ttgcaggntt nagaactcag nccccacant gnnccnncgg ttacttactg gcttgnccct      120
aaccnnggat ggaactntgg atgctntcnn agcanactgg ggatttctnt actgncnaan      180
accttgcatt ccggggctca aanctnaaaa acctccgatn ccaaagacct ggtnccanaa      240
tgtccanggc caaagaacca atgtntggnn nngagaanct ntcancngtg gnaccagttt      300
nnaatttaat gttnanggat tnaccaccan ggaaatgnnt acccaacttg ccttcatgcg      360
nnngttggcc aaccatgcct attncancat cacctaccat tgggaagaac acnattgctt      420
acntggatga ggaaactggc aacctgaaaa aggctgtgat tctgcaagga tccaatgatg      480
tcnaacttgt tgtgcgaggn gcaacaanca agattcactt acactgttct tgtaatangg      540
ctgctctaaa aagactactg aatggcntna gacaattntt tgnatttaaa acaaacangc      600
catntgcctt nctatcctt gaaatttgca cctttnnggac cctcgggtgg gcgcttgacc      660
aaggaaatca gatttaacct tttggccccg gtntgttttc caataaaact aaaccttntg      720
nccttaantt tganaagnan aaaaggggaa aatnttggaa ccantttctt nttgggccct      780
ttnngathtt ttgttncttt tccnaacctg gaaaatgntg aananccttt cccttttntt      840
tttnggcnc cttttttttt tgnttaaaaa ntgggtggggc ccnnaanaa gngggaaang      900
gctttgnttc naaaancttt tgtggccttt aancaatttt aatttcncct ccncctcc      960
ttttnanccn cnttacaaaa aaaatttggg antttttttt ttttttnaac attttttnct     1020
ttntttnggg naaaaagggtc ncnnttttng naaaanatcc cnaaaaaant tntgtaaaan     1080
actacccccn nct                                                                1093

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<210> 1388
<211> 956
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(956)
<223> n is a, c, g, or t

<400> 1388
aaaagctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60
aggcgcagga tcaaggtgag aaggagaacc ccatgcggga acttcgcata cgcaagctct 120
gcctcaacat ctgcgttggg gagagcggag acaggctgac ccgggcagcc aaggtgctgg 180
agcagctcac gggccagacc ccagtgttct ccaaagctag atacactgtc aggtccttcg 240
gcatcaggag aaacgaaaag atcgccgtcc actgcaccgt ccgtggggcc aaggcggaag 300
aaatcctgga gaaaggncta aaggngcgag agtacgagtt aagaaaaaat aacttctcag 360
atactggaaa ctttggcttt gggatccaag aacacatcga cctggggatc aagtatgacc 420
cgagcatcgg tatctacggc ctggacttct acgtggtgct gggtaggcca ggtttcagca 480
tcgcagacaa gaagcgcagg acaggctgca ttggggccaa acacagaatc agcaaagagg 540
aggccatgcg ctggttccag cagaagtatg atgggatcat ccttcctggc aaataaatc 600
ccgtttctat caaaaggtc aataaaacat tttcaatgaa atgtaaaaaa aaaaaaaaaa 660
aaaaaaaaactc gggggggggg cccgggggnc cccaatttnc nccctttttn nggggngggg 720
gnthnaannn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
tnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnc 956

<210> 1389
<211> 918
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(918)
<223> n is a, c, g, or t

<400> 1389
aanactggag ctccaccgcg gtggcggccg ctctagaact agtggatccc ccgggctgca 60

ggaaaaatctc acatttgatg aaatgtatta agcataaaagt actagtctgt gtctatgcat	120
atgggaaaca gtnctaacca ggaaaatnnc nctgcnnngc ngncattttt ngtttaaaan	180
cngggnnntng nctngaataa ccannccntn agggnnnttt anccnngtaa annngnnttn	240
aaaaaanttt ngtngccnng gannaanggg cnnnaaantt ntncnanc nntanntnan	300
ggcccagggc cngancaaac cagggnnaac nnnngagaac cgcgntcctn tgtaccangg	360
ggtggcacan gtgttgtnac accctgggggt ttccttctnt tatataaggg agagagaaaa	420
aanatgcgcc cacacannac agatatncct tccacgcgcg cagttnttga tacnccacnc	480
nntgtntgng gcnnnnacnc nnnnacntgc cccctnggggt ntaaaanagn cncnnncgc	540
atctntattt tctganactc tcntntgtgt nangacantg ttttttnnaag aaaatgagga	600
caccctatng gtaaanccnc tgatgagtgt atanaccct cctgggggt ctctngngcg	660
cttcaagcgc cccctttccc caccncccca tgnaccantg ngggnggnnt ctgtnaaaaa	720
aaatccttnt ctctnnccnc ccccatttt ntnttttnna naacnccttg ggggcccccc	780
ngccgtggng gncanagnac ttccnngcnn ggtggntttt tccccggggg gggggcnaca	840
accagcccn gaaanaaccc cccnccctca aaaaaggagg gtgctttttt naaaaacccc	900
cntntttgcc cccncnnc	918

<210> 1390
 <211> 918
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(918)
 <223> n is a, c, g, or t

<400> 1390	
aanactggag ctccaccgcg gtggcgggcg ctctagaact agtggatccc ccgggctgca	60
ggaaaaatctc acatttgatg aaatgtatta agcataaaagt actagtctgt gtctatgcat	120
atgggaaaca gtnctaacca ggaaaatnnc nctgcnnngc ngncattttt ngtttaaaan	180
cngggnnntng nctngaataa ccannccntn agggnnnttt anccnngtaa annngnnttn	240
aaaaaanttt ngtngccnng gannaanggg cnnnaaantt ntncnanc nntanntnan	300
ggcccagggc cngancaaac cagggnnaac nnnngagaac cgcgntcctn tgtaccangg	360
ggtggcacan gtgttgtnac accctgggggt ttccttctnt tatataaggg agagagaaaa	420
aanatgcgcc cacacannac agatatncct tccacgcgcg cagttnttga tacnccacnc	480

nntgtntgng gcnnnnnacnc nnnnacntgc cccctnggggt ntaaaanagn cncnnncgc 540
atctntatntt tctganactc tcntntgtgt nangacantg tttttinnaag aaaatgagga 600
caccctatng gtaaanccnc tgatgagtgt atanaccct ccttggggggt ctctngngcg 660
cttcaagcgc cccctttccc caccncccca tgnaccantg ngggnggnnt ctgtnaaaaa 720
aaatccttnt ctctnnncnc ccccatntt ntnttttnna naacnccttg ggggcccccc 780
ngccgtggng gncanagnac ttcccngcnn ggtggntttt tccccggggg gggggcnaca 840
accagcccnn gaaanaaccc ccnccttca aaaaaggagg gtgctttttt naaaaacccc 900
cntntttgcc ccncnnc 918

<210> 1391
<211> 949
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(949)
<223> n is a, c, g, or t

<400> 1391
tnnnnnaaaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg 60
ggctgcagga attcggcacg aggaagacaa acccacacgt cccggtggtg gaaacacccc 120
atgagggcgc atcctcttct cctggttagt atttatttca gcacctggtt aatgcggttt 180
tttattctct acctattgca ctggtgtgac ttgttgacca ttatttgatt ttgtacgaa 240
aaaaaagctt tgttatagaa atcagcatac tattttttta aacctggaga gaagatatta 300
tggtgactga aaatatggtc aggtgtcaaa tataaatgta taaaagcctt cttactggnc 360
ctggctggtc atggtacaat taatttatat tggctggcca atactgaagg ttctttttcg 420
gttggggaaa ctctaatttc tatcacngng gcatgaaatt ttaaaatcag gatttcatta 480
caggtggnet caacantggg aaacttaatt ttggcnggan cattattgat caagccaaat 540
aaanttcaac agnccttttg aggganaaaa aaaaaaaaaa aaactggggg ggggnccccg 600
nccccaatnn nccctaaagg gngnggggnn anannnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
cnnnnnnncn nnnnnnnnnn nnnnnnnnnn nncnnnnnnn nnnnnnnnnn nnnnnnnnnn 840

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnc	949

<210> 1392
 <211> 990
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(990)
 <223> n is a, c, g, or t

<400> 1392	
ttnaanaaan ctggactccc cgcggtggcg gccgctctag aactagtgga tcccccgggc	60
tgcaggaatt cggcacgagg cncaccccca ggcttggaca atggngggg acatgntcaa	120
cgccaggttc attcgaaact tgcataaacg tngcagcacc aggccttggg gaccgcagcc	180
ccctctcaca ccttcaaaat cattattatt tctatctcac acangactta gtcaaagctt	240
gccctcgccg tgtatgtatt cattcattca tttattcatt ctacaggctt ttttttttaa	300
aannanngcc aagtcattnn aatnttattt ttaacaaaa caataaagat tttttnacca	360
cagagaaaaa aaaaaaaaaat gattnggggg ggggccnggg ccccnntttc cnntnnnann	420
gatcagaann aaangngagn ggntncccnt tncnaatgn nngcttanaa naanactttg	480
taanntngcn ccatnnancn ttacannng tcncttntta aannnaannt tatgattnnn	540
agnnttncnc ccnaatana angaatatnc cagtccnaag nnanaanctt taaaannaac	600
tnttcnntgg gggcccaggn atantanngn gacnntttna nagnnaaana antnnntntn	660
nggncnnncc tngggnnnaa cnttncngna ngnttttnna tnggnaannc annaanccnc	720
ctnnctccgt angnnnaann nngggnnnnn nanaacannn nnttttttn nantccctng	780
gnncccaan nnnnnnnngg nnnnannntt tnacccttn nnttaaannn nntttnnant	840
ttnntntttt nnnnnnnccc nnnnaaaann nnnnnnnna ngngnnnann ntnanncntn	900
tnnnnnnntn tnaannnnnn gnnnaanntn cnnnnnnnnn nnnnnnannn nnnnnnnnnn	960
nnnnnnnnnn ggnnttngna ngggnncccn	990

<210> 1393
 <211> 1041
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1041)
 <223> n is a, c, g, or t

<400> 1393
 tnnanaaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa tncnncncna gggntnnncg ttnnnngcnn ntgntttcan canacanatg 120
 ctattnattn nggtgggggt nnangcnntn ncnntnctgn attgcatgaa tgcttgncat 180
 tggacattga nanacattct tnaannactg aaccnntgna ggagaaagtn naannntng 240
 tcacacngna catngatga ctctantgcg atancatggg ctgnaacctg ccaggctgat 300
 aangtcnnt gtattnncca gnaagaatac tngggtgctt tccctattcc tttgcngang 360
 ggactttant nanccaanga tcnaacncna ctcnntggt tgngggagggc aatntttnt 420
 gnctgactca nnacagaatt cncgncgtta cgggtgtacat taantggagn gcacatctac 480
 cactttatgg ccgnagagaa atgagcnaac ncgtcnctgg gnaanncaag actagggaa 540
 tggatgctac canganang gangatctnt acccattttc ctagttcgan tgcaatnata 600
 tnn cattcca cttagccgga agacgacata ngaagngctt gcgcncncnc cttttggacc 660
 cncggaaacc tgncttanca ggacctttcc gttgtaaaca cncgccgncc cggaaacctt 720
 tggttncgtt tgacatatag cttttggaaa aatgaaggac tngntagnan cctgggcngt 780
 naaaaaanatt gaacaagttt nccaannngg ggaccnccc cccccgaanc ttgaancctt 840
 tttttaaggg ggtttttttc aagagtggnc aaaaaaact tcaagggggc aaacccgttt 900
 ntaanagttg ggtcaancat tttggaancc aaaattttga ntagggggan aaaancctcg 960
 naaaaacggg gggngncctt tattgaaccc cncgccgnna aaaaaaant nntntttttt 1020
 naaaggntan tttnttttn t 1041

<210> 1394
<211> 937
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(937)
<223> n is a, c, g, or t

<400> 1394
tnnnncaaan ctggagctcc accgcggtgg cggccgtctet agaactagtg gatcccccg 60
gctgcaggtc aaaagacccc ttcatcacc aacctgggt atgacactgg aaacggtatt 120
cagcttcccg gcacttctgg tcagcagccc agtcttgggc aacaaatgat ctttgaggag 180
catggtttta ggcgaaccac accgccacca cggccacccc cgtaaggcat aggccaagac 240
cgtatccgcc gaatgtaaat gaggagatcc aaattggtca tgtccccagg ggagacgtag 300
accatcatct ctaccctcac gttgtgggac tcaatccaaa tgcttctaca ggccaagaag 360
ctctctctca gacaaccatc tcatggaccc cattccagga aagctctgag tatatcattt 420
catgtcatcc agttggcatt gatgaagaac ctttacagtt ccgagttcct ggaacctctg 480
ctagtgccac cttgacgggc ctcaccagag gggccaccta caacatcata gtggaggcag 540
taaaagacca gcagaggcag aaggttcgcg aggaggtggn taccgtgggc aattcttgtt 600
gaccagggcc tgagtcagcc cacagatgac tctgtcttcg anccctacac gggcttccat 660
tatgccattg ggaaaagant gggaaccnat tgtctgattc tggcttttaa actctcgggc 720
ccatggctta aggctttggc aggggtcant ttcaaaatgc caattcaatt taaatggggg 780
ccnttgacaa tgggagtggg actaccaaga attggaanaa aaaagnnggn atccgtcang 840
ggaaaaaaa tgggccaaaa anaatnaanc ttgncccttt tttttgggaa aangggaaaa 900
ngggaaaaat tcaagnngg aatccttttt ggaaggn 937

<210> 1395
<211> 976
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(976)
<223> n is a, c, g, or t

<400> 1395
aaanctggac tccaccgcg tggcggccgc tctagaacta gtggatcccc cgggctgcag 60

gaattcggca cgaggaagcc atgttaatgt actatgtatt tacccaagac tctctcttca	120
ggtcggttcc ccctaaaggc tcagaaccga ctcgacaaac cagtatgtct tactcacacc	180
tggttctcct aatctatggt aatgaaacta tatttgcttg gaaatccacc tttcttcaag	240
attcatgtca atcattttat ggcccggatg actcacctgc tgccaatggt atctcaatgc	300
atgttgccgg tgaggggcct ggtgccattc tctgagacgt tgtctttctt taattagcag	360
actgctagtg gctgtaagtg aaagtgaaaa gtgaaagtga agtcgctcag tcatgtctga	420
ctctagcgac cccatggact gcagcccacc aaagctcctc catccacggg attttccagg	480
caaaagtact ggagtagggg gccattgccg caacatgcta tggctcttca gaggagagac	540
tgactattta aggaaatcgc atgtttaaaa gtagttttca aaaaaaaaaa aaaaaacctc	600
ggggggggcc cgggncccat tncnccctat nggggangnn nnanaannnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960
nnnnnnnnnn nnnnnnc	976

<210> 1396
 <211> 1051
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1051)
 <223> n is a, c, g, or t

<400> 1396	
agccctatag ngagtcgtat tacagtggcg gccgctctag aactagtgga tccccggggc	60
ctgcaggaan ttcggcancg aggctcgctt gcagtttaac ctgtccctgt actggagtca	120
cgaggcgctc ttccagaaag aaagatcctt gcagggccct gggagttcca caccgtgccn	180
tttcgaagct ggntgggnnt caatactggg gcctgaacct tcaactgaggg cacntaccag	240
ccccggnntt acacctcgcc cacctggagc caatccggga tgaagctcca gttacaaccc	300
ctcccggtcc ttccaaaccc cccagcacc cagcttcctt ttccatgaca gctctgtctc	360
ctggnctttc gtctacctcc ctaccctnca nagctgggtg aactacgggt tctcgngctc	420

ctctgatgac cccccactcc tggtnttttc caagtncagc tntccaagt ccaatcccac 480
 cattggntat naaaaccggg ccctgctgca ctggnagggg agctttgggg taaaacgtta 540
 tcgacttnaa ggggctggaa ggcccttggg cccaagtgc ccctggctac caacagcttc 600
 anggagcact ttentttttc cctgcccggg aaggggggttc ttttnaggag ggttncaagt 660
 cntcattccg ncccttttta cctgacccaa cttcnacgga acatgggact aanaacttcg 720
 gaggggtgga atttnaaggg nnggggcaag gaannttnat nggagggntg gggnacccctn 780
 ccctttcttt aacctttttt ttttggangc acccttnaan tnaccgggcc aacanggggg 840
 cccccctttg gtttnngntg atttttntng agctannnga aatttgcggg gaaaaaattn 900
 cnntncntng naanctttcc tnggggggnt tagggggnaa aaaaaanttt tcntntanag 960
 naaaaaaaaa nngntttnac ccctgngnng ntnaggganc ccnggggaan aangnaaaac 1020
 cccccntcc ncnntttngg ctagaaaaac t 1051

<210> 1397
 <211> 944
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(944)
 <223> n is a, c, g, or t

<400> 1397
 naaannctgg agctccaccg cggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggcggcgg cgagatgtcc ggaggatcag ctaggagcct gggcaaggga agcgcccccc 120
 cggggcccggt ccccgagggc ctgatccgtg tctacagcat gaggttctgc ccgtatgccc 180
 agaggactcg cctggtcctg acggccaagg gtatccggca tgaagtcac aacatcaacc 240
 tgaaaaataa gcctgagtgg ttcttcaaga agaatccctc aggccctgggtg ccggttctgg 300
 aaaccagtca ggggtcaattg atctgtgaat ctgccatcac ttgtgagtac ctggatgaag 360
 catatccagg gaagaagctg ttgccaggcg acccctatga gaaagcttgc caaaagatgg 420
 tcttgagtc tttttctaag gtaccacctt tgatattgaa gattcttaga acacaaaata 480
 aggaagactg ctctggccta aaagaagaat tgcataaaga aatcaccaag ctagaggagg 540
 ttctgactga taagaagaca accttctttg gtggcaattc tctttctatg attgattacc 600
 tcattctggc ctggtttgaa cgtctggaag ctctggagtt gaatgagtgt gtagaccacg 660

ctccaactct taaagctgtg gatggcagcc catgaaaaan gatcccacag tatcatctct	720
tcctcactga cgtggaagaa ccctttcaag ggttntttca accctctact tgcagaacag	780
ccccttgagg gcttatgact atggactctg atggggggacg agttcancca atgaaaaaca	840
taactggana cttttccttt cccttaataa tgaaataaat acccntgggg ttttattttt	900
taccnnaaaa aaaaaaaaaa aaaaancctc nggggggggg ggcg	944

<210> 1398
 <211> 974
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(974)
 <223> n is a, c, g, or t

<400> 1398	
aanactggag ctccccgcgg tggcggccgc tctagaacta gtggatcccc cggcctgcag	60
gnagnggntg tgtgattgcg tcccgnaana ccggnagcgc ttgcncatng ntgaccaact	120
gnctgaanaa canattgcag aattcnaana anctttttca ctntttgncc aggntgggga	180
nggaactntt acnacnaagg nattgggaac ngnnatnnaa nntcttgggc nnaatccac	240
nnaancnnan ntaccggacn tnantaatga agnggatgcn natggtaatg gcacnattga	300
cttccccgaa tttctgaccn tgatggcaag aaaaatgaaa gataccgaca cgtgaagaag	360
aaattatgag angcattccg tgtgtttgat aaanatggtn atgngctata ttagtgcagc	420
acanctttnc catgtgatga caaaccttgt nganatgtta ncnnatgacc aggnatnatga	480
nntgatcngg ggaccagana tnnnnggtga ngggnacntc tactatggat acntgccaca	540
tgatgacanc nnaatgaaaa cantntacac aatgtggtaa atntcttgta ncacnattgn	600
acntttgcct tttcttttgt tngntaactc atcttgtaan aangtgtgcc cttactgcc	660
aaaaaaaaaa atatccctgt nttagtanat taaggacttc ctttccttcc atggtgtctt	720
nccntattn ttactggccn tttgtcctgg aaacctttnt ttttaaaaaa attggntcca	780
ngtaacatgg ttgcattggg ggcttaactc tggganaata ttntaaancc ctttcttgcc	840
cctcttaaac tttaaaangg agggnggntc aaanngaagg gaaccaacng gggggnantc	900
ccntnttttt tttttttttt gaannntnt tttttttnaa aaacncccc ctentttttt	960
ttttnaaaaa ngnn	974

<210> 1399
 <211> 974
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(974)
 <223> n is a, c, g, or t

<400> 1399
 aanactggag ctccccgcgg tggcggccgc tctagaacta gtggatcccc cggcctgcag 60
 gnagnngntg tgtgattgcg tcccgnaana ccggnagcgc ttgcncatng ntgaccaact 120
 gnctgaanaa canattgcag aattcnaana anctttttca ctntttgncc aggntgggga 180
 nggaactntt acnacnaagg nattgggaac ngnnatnnaa nntcttgggc nnaatcccac 240
 nnaancnnan ntaccggacn tnantaatga agnggatgcn natggtaatg gcacnattga 300
 ctccccgaa tttctgaccn tgatggcaag aaaaatgaaa gataccgaca cgtgaagaag 360
 aaattatgag angcattccg tgtgtttgat aaanatggtn atgngctata ttagtgcagc 420
 acanctttnc catgtgatga caaaccttgt nganatgtta ncnnatgacc aggntnatga 480
 nntgatcngg ggaccagana tnnnnggtga ngggnacntc tactatggat acntgccaca 540
 tgatgacanc nnaatgaaaa cantntacac aatgtggtaa atntcttgta ncacnattgn 600
 acntttgcct tttcttttgt tgnngtaactc atcttgtaan aangtgncc ccttactgcc 660
 aaaaaaaaaa atatccctgt nntagtanat taaggacttc ctttccttcc atggtgtctt 720
 ncccntattn ttactggccn tttgtcctgg aaacctttnt ttttaaaaaa attggntcca 780
 ngtaacatgg ttgcattggg ggcttaactc tggganaata ttntaaancc ccttcttgcc 840
 cctcttaaac tttaaaangg agggnggntc aaanngaagg gaaccaacng gggggnantc 900
 ccntnttttt tttttttttt gaannntnt ttttttnaa aaacncccc ctcntttttt 960
 ttttnaaaaa ngnn 974

<210> 1400
<211> 940
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(940)
<223> n is a, c, g, or t

<400> 1400
caaaagctgg agctccaccg cggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
caggaattcg gcacgaggaa gacaaacca caggtcccgg tggtggaac accccatgag 120
ggcgcatacct cttctcctgg ttagtattta ttccagcacc tggttaatgc ggttttttat 180
tctctaccta ttgcactggt gtgacttggt ggccattatt tgatttttgt acgaaaaaaaa 240
agctttgtta tagaaatcag catactatct ttttaaacct ggagagaaga tattatggtg 300
actgaaaata tggtcagggtg tcaaataata atgtataaaa gccttcttac tggcctgnct 360
gncatggtac atttatttta ttttgctggt caatactgaa ggggttctttt tcgtttgggn 420
aaactctaata ttctatcacg gngncatgaa tttttaaata cagtatttca ttacaggtgn 480
ctcaacattg ggnaactaan ttttgccagg accattattg atcaagcaa taaattcaac 540
agccattttg anggaagaaa aaaaaaaaaa aaaactngng ggggggcccg gacccaatt 600
nccctatag ggngggggna tnaannnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 940

<210> 1401
<211> 999
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(999)
<223> n is a, c, g, or t

<400> 1401
ttnaaaaaaac tggactcccc gcggtggcgg ccgctctaga actagtggat ccccgggct 60

gcaggaattc ggcacgagga cgattcnctn tttcggnnng tggntgnngn cangnttntg	120
gancaggcct tctccgnent ggacgagaca cggaccgcct acatnctcca ggcggtggag	180
agtgcctggg aaggggtgga ccggaagaaa gccacgcgtg ccagagactc agccacggcc	240
gagaacccta acgggggttg ggcggaggca gaggtgctca nncggccgtc ctactcccc	300
caaggaggaa ggagtgcctg gggcagccgc agccccggnc ccaattgtgt tctgtgtgna	360
gctgaantca ctcatntccc angtgangga cctgctgccg acctnggcga gggcttnatc	420
ctggcttgcc tggagcacta cagctacaan cccgagcagg tgatcaacaa cttcctggaa	480
ggcggnnttg cccccaccct nanccaactg gaccgnggct tggacagaca ggtgaagccg	540
gacccgacnc ccttgntgac gtttngtcac aacgttttca aaaatgacaa gtttgatgtn	600
ttcaacangg acttggtgga acctgacccg ggttgcccca agggcaggaa ggaaggaaaa	660
aaaaccccc ggaacctttg ttnaacnaaa aagccgggaa ggggccaggc cccacnggca	720
anncttttta accantacaa ncnntggtgg gtnggaagga aggtncacct ttcaaccccc	780
ggggaagggc ttncccnta cccggggggg gaccaanttt cnnnggggtt agntnccnac	840
nncccccttt cccattgggg nacccccggg ggggccnccc aaccaattcc cggaactttg	900
nanttaaaaa anantttntt tannncnggn ngggccttt tncattttc ctttaagggg	960
gccnaaaaa acccaaaaat tnccccngg naaanggct	999

<210> 1402
 <211> 999
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(999)
 <223> n is a, c, g, or t

<400> 1402	
ttnaaaaaac tggactcccc gcggtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggaattc ggcacgagga cgattcnctn tttcggnnng tggntgnngn cangnttntg	120
gancaggcct tctccgnent ggacgagaca cggaccgcct acatnctcca ggcggtggag	180
agtgcctggg aaggggtgga ccggaagaaa gccacgcgtg ccagagactc agccacggcc	240
gagaacccta acgggggttg ggcggaggca gaggtgctca nncggccgtc ctactcccc	300
caaggaggaa ggagtgcctg gggcagccgc agccccggnc ccaattgtgt tctgtgtgna	360
gctgaantca ctcatntccc angtgangga cctgctgccg acctnggcga gggcttnatc	420

ctggcttgcc tggagcacta cagctacaan cccgagcagg tgatcaacaa cttcctggaa 480
 ggcggnnttg cccccaccct nanccaactg gaccgnggct tggacagaca ggtgaagccg 540
 gacccgacnc ccttgntgac gtttngtcac aacgttttca aaaatgacaa gtttgatgtn 600
 ttcaacangg acttggtgga acctgacccg gggtgccccca agggcaggaa ggaaggaaaa 660
 aaaaccccc ggaacctttg ttnaacnaaa aagccgggaa ggggccaggc cccacnggca 720
 anncttttta accantacaa ncnntggtgg gtnggaagga aggtncccct ttcaaccccg 780
 ggggaagggc tttncccnta cccggggggg gaccaanttt cnnnggggtt agntnccnac 840
 ncccccttt cccattgggg naccocgggg ggggccnccc aaccaattcc cggaactttg 900
 nanttaaaaa anantttntt tannncnggn ngggccnttt tncattttc ctttaagggg 960
 gcccnaaaaa acccaaaaat tnccccnggg naaanggct 999

<210> 1403
 <211> 950
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(950)
 <223> n is a, c, g, or t

<400> 1403
 tnnnncaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcagggt cagggagctg tttcccgtat gtatccttca gggacctgtg catatattca 120
 aaggggaact gtttttgctg aaaactgcat tttaactgca ttcagtatat gtcaaaagaa 180
 ggcgaatcta ttgagagcac agtgaatttg aaggatctgg aggaaaagaa ggaaaccttt 240
 gaattctctt ctggaattta agctatactt catcacttag atgtaaacca ttagagccca 300
 gggaaatgcc tgctactggt tgagtgcaga actccttagc agagactggc ccagctgcct 360
 ggcacctga tagcaaaagt tgcaattccc tctgtatatt tttccctaac ttgttccaag 420
 tcctcccctg caggacttca gagaagtcaa ttttcctggt tccattgttt ctaagaactt 480
 gttgcctaac tcaaggtcac agcatttttc tcaactttgt cctatgcttt cttttaggca 540
 ttgtagagtt ttagatttta catggaaatc tagaacttat ttagattaa tttctaagtg 600
 atatatggat gtatggaaaag ttttctggtt tgnnttttgc ttngaaagta ttcaattgg 660
 tttgcaacat ttgctgaaaa agactattct tcctttccta cantggnctt tgccctgggt 720

ggcnacaatt attccttacc tgccctgggt ctattttccg gggattttcc natttccttt	780
ccctttnaat ttaattnaat aaatncttgg ggcttaccaa cattcnccca tggaaaantt	840
ttngnaaatc ctaanggggn ccttttaaaa aaaaacnttn gggaaatcnc canggggaaa	900
aaannnaaat tccattgggg gggggccntt tttttaaaaa agnggggttn	950

<210> 1404
 <211> 1010
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1010)
 <223> n is a, c, g, or t

<400> 1404	
aannnctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc	60
aggtgaccgg caagacctca ccctggaggt ggagcccagt gacaccatcg agaacgtcaa	120
ggccaagatc caagacaaag agggcatccc ccagaccag cagaggctga tctttgccgg	180
gaaacagctg gaagatggcc gcacctgtc tgactacaac atccagaagg agtccactct	240
gcacctggtc ctncgcctna gngnggggat gcaaacttn gngangacct tgaccggcaa	300
gaccatcacc ctggaggtgg agcccagtga caccatcgag aacgtcaagg ccaagatcca	360
agacnnngag ggcaccccc cagaccagca gaggtgatc tttgccggga aacagctgga	420
agatgggcgc accctgtctg actacaacat ccaagaaaga gtccactctg cacntgggcc	480
tncgcctaag agnggggatg caaatcttng ngaanacctt gaccggcaag accataacct	540
gnangtgag cccagtgaca ccatcgagaa cgtcaaggcc aaanatcaa gacnnagag	600
ggcatcccc cagaccagca agaggctgat ctttgccggg gaaacagctt ggaaagatgg	660
gccgcacccc tgttttgact acaacntcca gaaagagttc nactctgcac cttggtcctt	720
ccggccttaa nngngggant gcaaatttn cnggaaaanc ttggaccggg naanaaccat	780
tacctngat gttinganccc antggcancc tttngaaac gttagggccca agaatcccag	840
nagnnnggag ggnntcccc caaacccnnc aaaangnttn atttttccn ggaaannant	900
ggaanatggg ccncccttt ttgatttnaa catccaaaag aannccctnt tnnctttgg	960
ccttggcntt aangggaggg ggttnaantt ctccctttaa nntttinnaan	1010

<210> 1405
<211> 1661
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1661)
<223> n is a, c, g, or t

<400> 1405
ggccgntgtn nnnntcnttt nttntntnat nnantnnnnn ntnccccnc ncgntcggn 60
tgcaactengn ntgccnnnnn nccccctng gggnganncn gcncnnnnnn nnncccttng 120
cccnatagt ggggtcctat taccaangga ttacantntc nacncgngg ttnttccccg 180
tcccgctctgn cnnantncnc nnnntncntn cnnnttcnnn acccnncc ccnagtncc 240
cnaaacgcgc gggggtcctn ccgaccagn cnnntnctg ccncnccacn ngcccacnag 300
ncccgntcn nctccgtntc tnnccctncc cnnngcngn gcccccnnn ccccccnnc 360
ncnatacanc cacnggncn nnnnnntnnc ncngnctct tcgncgcnnc cncggggac 420
nctnnngcng ncnccnccc cattccttng ngccnctngg ccggnccnt ccctaccct 480
ngngcgcggn cgcnnnnnn cactcnctt atcntgncnc ntgncctcan cncnttctcc 540
ncnttgccnc ccccgtcggn cnnctnngcc nntnncnccc tngncnnc nntcgtgnnt 600
ccncccttn ncccnctnt cncnnngtcc cntngncnc ncgcnntc cncggancc 660
ccnannccn cngngctncc ntcanttcn tcnncnnc cctaganent ccancnccct 720
ntcnntatnc tcgcnctcn ttctccactc tccctcgten tncctnccc cntcntnacc 780
ncnnccgcc ncgntcacc cttgcnncn cgttgctccg ccgacnccc ccggnacgnc 840
tngnncnncn tntcttncgc cgtcccgnc agncagntgc cctnnncnnc cgagcgganc 900
nnnnancctc ctngnntcnn ccgcctgtct cntgtcnnc nccnccgnc cncgggnc 960
ccctcntcnc cncnccgncn tncntntnn nctccgcggt cctccnccnt ngcccnntn 1020
ncntccngcc ctenttncc ngntcccat gtcttncn tnnccnccc ntnatccng 1080
tgctntcnc ngngancgn ctcnntnact gatcnnngc tancctgten gnttctnncn 1140
ccccnccn nncgtncccg cntcagtngc cntcntncc ccccnatcn cncctctng 1200
ctccctctct cncctccctn cgaccnntc tnnctacac ngcggttnc nncgnntgtn 1260
ccnncnncn cntancccc cnnntnccct cncnctcnn antcgcnac nntnactcnn 1320
cncgnntac cctcgtcnn cacctnncn gctgntcgt cncctcct ggctcntcgn 1380

ctnnacctcc ngcacgtccg cncnccccgt ggnetcttten cgancncgc ncnncncgc 1440
aatnccggcnc ncacgcnnncn gacgcgatgn caggtangtn gncncntccg cncgnanntc 1500
ccncncgatc gncncncgn ncnnnnatgc gacgncccct ccccgangtc ncnncgcctn 1560
cngacgtgnc ncncccctgn acgtagcgcnc ctnaccctnt ctttctcccc cncnagggtc 1620
ccgccnctcc cgcccccgct ncnncatcgg tgctccttcc g 1661

<210> 1406
<211> 1286
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1286)
<223> n is a, c, g, or t

<400> 1406
ctcgacaagn gggngggaag ngnetgcngt gctctctttn ancaanactt ggagctccac 60
cgcggtggcg gccgctctag caactagtgn gatgcccccg ngactgcagg nntccggcaa 120
tangntcntt ttngattntt ntaggantac atnngcatat ncttnggggg tcatttcang 180
gtncnnnnnc cntnttnaan ccgagnnant nntannttn gnnnnnnngt gttgntnngn 240
nntatngancn tganggatan nttnnnangnn tntttaatgg tncanangng ctntgntnna 300
nntnagnnnc tttnnnngggn nnaacgnnng nttnnagnann ntannnnnnc nggttnncagn 360
nngacccgnc naattgtttg nttncnttcc cngggantcc canttcnaga tttgngggnn 420
nangcntggn ncggngannt tcnnttnann ntanaatng ncnnnnnna ctgnetctnt 480
ngncnnttng ngtannannn cttnagngt ntnntatntn ntcnannntt attnttcgng 540
nncagnnttn tncntnantg antntngnnc agnaggctcg ttatntnctt ntannatacn 600
ntntttntc cngcntcnac nntatnnatt gnaaatntcn tcnctgaan nnttnncann 660
nanctntnnc tttnttgnc nngcananaa gcgtcccntt tnnttatnn actnnntcnn 720
ngtntnact gncctggcnc ttntactnt ngntnnatgc tngnncnngn ccntccnct 780
cnngtntnt gctacnnntc acccaacana gccccatan cacantagnc tcnncnattc 840
cnncannann aagttnctnt atcnttnna atattaattn cgcttnccgt tttgctancn 900
nttnatctaa tnatttgttt antgtgacag ntccaangn acctngancn ncttttnann 960
gnaactgccg gntggntagg atcgtnaagt ctntntnnnc tgccngtngt nnnnnctna 1020
tgtanancat tcnnngntnc agcngtatnt nctctntac cagcnnanga gtnccnatca 1080

ananntatnn nnnentgcct gntnccattc naggggtgctt tntgtnaann ncntgccntn	1140
ganatgnata tnttttgaac tngtganang ttgnnacna atngaccnta tgtnnntgta	1200
gtgctctngc ttnggtntct ncnatanta cctnctnctn nnnnacttnt ctctcntnat	1260
ngtncgtngc gntnnncnng cgnccg	1286

<210> 1407
 <211> 954
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(954)
 <223> n is a, c, g, or t

<400> 1407	
naaaactgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccggcttgn	60
agggcgacgc gcttcggtat ctgcgggccc cggtgcagac atggccaagt ccaagaanna	120
cccnagcccc anccantccg aaaatngnat nagaaccggg attaanaaac cccgancnnn	180
acnanntnaa ttttttaagg gggnaancc cnanttctn nagaacntnc cctttnnca	240
naancncnac nagaanggcc tnaanaanan ncnnccnac natnccnagg ncntnaatgc	300
acntgctnan gctngcaagg gccttgtgaa acccaaggag annaagccca agatnccaca	360
ggtggcagcc gcaagcttaa ncgacttggc tanattctca caccanactg nggaaangcg	420
ctcttgctct cattccaaag ggctcnangc tctgtccggc anaanccagg gcaaagggtt	480
ncnccaagnn aaaccncntg tggntgtggn tcnactgtca aaggtgccaa ggccccacaa	540
anatctngag tanaaaacct nttttgtcac tgtgaagaca acaaagactt gtgtgacccc	600
ttgtgttctt gtcttccgng gggcttgtgt cctncttgtg ttnttttacc acataaatct	660
tgtgacaggg aaaaaaaaaa aaaaaaaaaa aaaaatttng ggggggggnc ggggncccaa	720
attnnnnttt tntttngggg gggnttttta annnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnct	954

<210> 1408
<211> 954
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(954)
<223> n is a, c, g, or t

<400> 1408
naaaactgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccggcttgn 60
aggccgacgc gcttcggtat ctgcggggccc cggtgcagac atggccaagt ccaagaanna 120
cccnagcccc anccantccg aaaatnngnat nagaaccggg attaanaaac cccgancnnn 180
acnanntnaa ttttttaagg ggggnaancc cnanttinctn nagaacntnc cctttnnchna 240
naancncnac nagaanggcc tnaanaanan ncnnngccnac natnccnagg ncntnaatgc 300
acntgctnan gctngcaagg gccttgtgaa acccaaggag annaagccca agatnccaca 360
ggtggcagcc gcaagcttaa ncgacttggc tanattctca caccanactg nggaaangcg 420
ctcttgctct cattccaaag ggctcnangc tctgtccggc anaanccagg gcaaaggttt 480
ncnccaagnn aaaccnctg tggntgtggn tcnactgtca aaggtgccaa ggccccacaa 540
anatctngag tanaaaacct nttttgtcac tgtgaagaca acaaagactt gtgtgacccc 600
ttgtgttctt gtcttccgng gggcttgtgt cctncttgtg ttnttttacc acataaatct 660
tgtgacaggg aaaaaaaaaa aaaaaaaaaa aaaaatttng ggggggggnc ggggncccaa 720
attnnnnnttt tntttngggg ggggnntttta annnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnct 954

<210> 1409
<211> 963
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(963)
<223> n is a, c, g, or t

<400> 1409
aaaaagctgg agctccaccg cggtggcggc cgctctagaa ctagtggaac ccccgggctg 60

caggaattcg gcacgagggc ggtgacggcc gaggcgacag aaccgagggg ctgtcggttg	120
tgggcgctcc agggtctga acgagagaag cgtgacccgg aaacggaagc gagtccccat	180
cccaactccg ccaggtttca cgctagcccc aggcttactg gtaggctcct gctgccatgg	240
acctgttggt tgggcggcgc aagacgccag aggagctgct gcggcagaac cagcgcgccc	300
tgaaccgggc catgcgagag ctggaccgtg agcgacagaa gctcgagacc caggagaaga	360
aaatcatcgc ggacatcaag aaaatggcca agcagggccca gatggacgcg gtccggatca	420
tggcgaaaga cctggtgcgc accaagcggc acgtncgaaa gtttgtgttg atgccggcca	480
acatncangc tngtccctt caagatccan aactcaagt ctaaacaact caatggcnca	540
agccatgaag ggcgtcacca aagccatggg caccatgaac agacagntga agttgcccc	600
natccanaag atcatgatgg aattttgagc ggcaggcaaa aatcatgggn nttgaaggag	660
gaaatgatga accaaccccc ttcattaacc ccnttggggg accaggncca ttaaaaagg	720
aaagtntgc tttttgtaac ccaggtntct tggacnaact tgggggttga ncctgaaaaa	780
atgaactttt aaaaactttc cttttcaccg ganggtttcc tttaacgnng gntngcccgn	840
ggnaaaaaaa accaaagggg ttcacccttt tgnccctgng ggancccnaa nccnaacct	900
tggnggggna aggtttanna aacnntttna angggaatta atttgcccnt tttttcccca	960
agg	963

<210> 1410
 <211> 956
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(956)
 <223> n is a, c, g, or t

<400> 1410	
ttnanaaanc tggactccac cgcggtggcg gccgctctag aactagtgga tccccgggc	60
tgcaggcatc agcagctcag gccctgctgn gacctaccga ccctacgacg agggctctgag	120
gcgngggggtc ttcatcacca atgagactgg gcagccactg attgggcagg tgtggccccg	180
actcaccgcc tttcccgaact tcaccaaccc cgaaactctt gactggtggc aggacatggt	240
gaccgagttc cagccccaag tgcccttcga tggcatgtgg atcgatatga acgagccatc	300
caatttcgtg agaggctcag tggatggctg cccggacaac agcctggaga acccgcccta	360
cctgccaggg gtggttggcg gggaccctcc ggcagccacc atctgtgcct ccagccacca	420

gttcctgtcc acgcattatg acctgcacaa cctgtatggc ctgactgaan ccttaccctc 480
cacagggcct tggatgaagg tgcagggatg cgtccnttcg tgatctntcg ctnaaccttt 540
gntggccacg gccgatactc cggccantga acaggggatg tgtggacaac tggaacannt 600
ttcttactcc gngccaaaaa tcctgntttt aatttggttg ggggtgcccct gggaaggggc 660
tgacatttgg ggnttcttgg caacacttna aaagaacctg ngttgctttg aaccaantt 720
gggggccttt ttaccctttt tttggcggaa accaaattgc cntgaaaaa gccancccg 780
aggnaaccog tanaaggttt aanngaanac gggnncaacn aagccttgaa ggaaagggcn 840
tttaaccctt ggggttnagg ggttaatggg ccttatTTTT aaaccctttt ttcccaaggg 900
gnccccntt taaaaagggn aaaaaagggg ggcccgncc cctttttttt gggant 956

<210> 1411
<211> 991
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(991)
<223> n is a, c, g, or t

<400> 1411
ttganaaaan ctggagctcc accgcggtgg cggccgctct agaactagt gatcccccg 60
gctgcaggca tcagcagctc aggcncgtgt gggacctacc gacctacga cgagggtntg 120
aggcgggggg tcttcatcac caatgagact gggcagccac tgattgggca ggtgtggccc 180
ggactcacog ctttccccga cttcaccaac cccgaaactc ttgactggtg gcaggacatg 240
gtgaccgagt tccacgcca agtgcccttc gatggcatgt ggatcgatat gaacgagcca 300
tccaatttcg tgagaggctc agtggatggc tgcccggaca acagcctgga gaaccggccc 360
tacctgccag ggggtggttg cgggacctc cgggcagcca ccatctgtgc ctccagccac 420
cagttcctgt ccacgcatta tgacctgcac aacctgtatg gctgactga agccttagcc 480
tcccacaggg ccctggtgaa agctcnagg atgcgtccct tcgtgatctc tngctcaacc 540
ttttgcttgg ncacgggcca tacttccggc cacttggaca aggggaatgt gtggagcaac 600
tggggancca gcttttccta ctcccggtgc anaaaatcct gcttttttaa tcttgctggg 660
ggtgccccnt tggttaaggg gctgacatnn tggggcttnc tgggcaacac cctnaagaa 720
cctgtgtgtt cntttggacc ccanctnggg ggcccttcta ccccttcat tgccggaacc 780

ccaaatgccc ttnaaanagc ccagccggaa ggaaaccgta caaggtttna aangnaaaan	840
gggnccanaa angccatttn ngnaagggcc tttaaacntt gggncttang ggncattggg	900
cctanttttt tacaaanttg tttcccaang gnccccntt taaangagga aaaaaggggc	960
ccnncccccn nttttttgtg ggtaccccc t	991

<210> 1412
 <211> 947
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(947)
 <223> n is a, c, g, or t

<400> 1412	
tnnnacaaaa ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atccccggg	60
ctgcaggccg aactgaccca gagaagggca gtgtcgtctc ggcgcgctg cagaaacccc	120
caccaagac ggctccccct cccgggcct gtcccctctt gcccgcgagt cctctcgcct	180
cgtaggcctc tcggatcgta tatcgtggg tgaggtgaga gcaggccccg ggaggggtgt	240
taccgctgag gagctgcagt cgcaatcaag atgatagagg tactgacaac aactgactct	300
cagaaactgc tacaccagct gaatgccctg ttggaacagg agttgagatg tcagccaaag	360
gtctgcggct tgagactaat tgaatctgca catgataatg gccttagaat gactgcaaga	420
ctgagggact ttgaagtaca aagatcttct tactctaact cagttctttg gctttgacac	480
ggagacattt tctctagctg tgaatttact ggacagattc ctgtctaaaa tgaagggtaca	540
gccaagcac ctttgggtgt gttggactaa gctgcttcta tctggctgta aaatcaacag	600
aagaggaaag gaatgtccca ttggcaactg acttgatccg aataagccag tacaaggttc	660
acggtttcaa nacttgatga anaatggaaa aanattgtat ttggaaaaag gtgtgttgga	720
aaagtcaaaa gcttactact ggcttttaag ttttttacag gctnttatta ctcaattccc	780
tttnaaaaaa aacgtgcccc cantgnaaag ggaaaaagtn ncctttaatt ttttgaaaaan	840
acttaaaaac cccaacnttt aangggcatt gcttactggg anggaaataa tnnttttttt	900
tnaaaacnaa agccccnttt ngggngggg cnttnggcna ntnancc	947

<210> 1413
 <211> 1078
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1078)
 <223> n is a, c, g, or t

<400> 1413
 gagcctatan ngagncgnat tacaggggcg gccgctctag aactagtgga tcccccgggc 60
 tgcagggtccg gcagctccgg aggctttttg ccagctggc tggagatgac atggaggnc 120
 ncgccacaga actcatgaac attctcaaca aagtgggtgac ccgacatcct gatctgaana 180
 ctgatggctt tggcattgac acatgtcnca gcatgggtggc tgnaatggat agggacacga 240
 ctggcaaact gggcttcgaa gaattcaagt actttagtaga acaacatcaa anagtggcag 300
 gccgtataca aacagtttga tgttgaccgn tnagggacca tnggnatgca tgtgaactcc 360
 ccaangngc cttttgaggc agcaggattc ccgcctgaat gaacatctct acaacatgat 420
 catcncgacg ctactcanat gangggaggg aacatggatt ttgacaaata tcactnagct 480
 gcctnggtca nactggnatg ccatgncccc ntnccttcna ntctctcgac aaaagantgg 540
 cacctggaca aatccaggtg anctcctnng agtggctnna anctngncat gntactcct 600
 gaaacnngga gcccgaangn cctgccccnc tcattncctt tgctggngng agtccnccct 660
 tngacttctt cggnccccc ccanggcntn atttcttggn tgcaagtnac aatctctcnn 720
 aggggtcnct gccnnacccc ctttttngnc tntttaancc cnttngccac ctngtttttc 780
 anntctacca ncacnnggnc ccaancntgg ncttttnnca ctgcctgnc ccctnnaant 840
 nccnccct cnacgcacaa nccattctt gntttanctt ccannaaccc ttatatttgc 900
 accngttgn canncctcca caanctcgnn gtgggtttct nccccccca ggggcncctn 960
 ntncntaact tctntgnaag gaataatnnc tnnnccntt gtnnctaagg cncntncttt 1020
 ttntctttcc actctcctnt ctcnntnct ctntgccc anatatnttggtg cccttncn 1078

<210> 1414
 <211> 1644
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1644)
 <223> n is a, c, g, or t

<400> 1414
 ccccccnntt cnnnngnaga ngtnntnnng ntannnnnttn nnnngactcn nnnnnntccc 60
 nntcnntncc tngngggagg nnnnnnnct nnnnnnnnch aggggnagnt ntgnatnna 120
 annnnnnnnt tnnngnctta tatgagtcgt attacaaang natnacactc cccccnnngn 180
 ggctctncnn anacacggcc gnnantcnch tcnnnnatt ttatttttnc ncnntccan 240
 tntnccctnc ccctcgatg gngggccntc cntcgcnntn gtenctatnn ttntttctg 300
 ntngatnnc tcnnnacct cnagacnnnn antctntcna ggngnctann cncnctgnt 360
 nnnacantca ccctngctnc cccgcnctac gantngagag ntctaccnnn cngnnannnc 420
 ntcnnannga tcccnctgc ctntntngnn ccagtncac nctantcnnt nccggcntcc 480
 cntttctct cnnnnnnnc cnacnngtgn tncnccgttt nctnnccgc ntnncnagnt 540
 gananccnt nntnannntc nctgngnnch acnngncnc atgngnacna tggnncnct 600
 ctttagagnc gactccann cnnngcnntt tgnantcnc nccccnnngn tgatntann 660
 ctnttnctn nncnccgncc cctanntacn cnntacgant cgnnnannaa nctcnact 720
 cngcganncg tngtntant nnnngnnc cncnannntn ngnnccnga cttcacgtnt 780
 acgagannnc nngcctnntt gantccnca gtcnccnnnc cnnctaggt tntctnnga 840
 ccgngctna nccnctang ancccnnga gncntgnt nctntcgn cttcctnnn 900
 nnannnnntg tngtgcacn antgantccc cnntcnccc atctantat gannctnch 960
 ttncnct nncnctcc nccntgtn nncgagaann ccctccctgg ttcnctntt 1020
 ncnctgant cactnnnnn gtcnnnanta nccnnnnct gttnacnntn cgatccnct 1080
 atntgtcct cncctactnn cagcnctgct nntcncnnt catgtccac cagnnncnc 1140
 tnnnagtgt gctnncncc cactncnt nnacnntcc nnaccctnnn cgcctngtc 1200
 tccnangga tccccgtna cgnncnngn ncagctcntn tcnctcgna ttctcngn 1260
 cccccctanc ntntnact tactcctct gtcctattg cctnnatat nccccaggn 1320
 nggannntg nctcacgnc cgnccgnnt attncctctg tcnctcggc acnngannnt 1380

acgcatccng cnacctccna tgatcactnn gntctgtcgn ncccccgcan gcgtntcgn 1440
acgtntcgn atntctgcgt tagtcgcnn cnccttgnt tntccactc tgtaaagnca 1500
cgctcncngt tnnngtgctc cgtatcttng nntctctttn cccccnnncn cncnccnnan 1560
gccangcgnc gattgngtgt tnggctnncg agntagncgc cncncnct caccntnann 1620
gannnnncnc ccccccccn cacg 1644

<210> 1415
<211> 953
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(953)
<223> n is a, c, g, or t

<400> 1415
gccctatann gagngtatn acagtggcgg ccgctctaga actagtggat cccccgggct 60
gcaggaattc ggcacgaggc cgctcccgag cgcggcggcc tcgtctctag gccgtgcagc 120
tgctgccacc gccgtctgtc tgccctgccct cccgtcggtc caccgcagc atgagcggcc 180
tgcgcgctca cagcacgtcg gtcaccggct cccgcgaaat caagtccan cagantgagg 240
ngacccgnat nctggatggg aagcgcattc antaccanct agtggacatt tnccaagana 300
acgccctnng ggangaang cnanccttgg ccggcaaccc caaggncnc ccccccaaa 360
ntgncaacgg ggaccannat tggggggact atnaactntt cgtggaggnt gnggaacaaa 420
acacactgga gganttcctg aaactggnt gaaccaantc anccccctgg actttgtcat 480
tacatttccc ttcccaggca ttaccccggt catnaaggac cttgtgacca acttncctgt 540
gtatttctaa cctgaacggg gggngctctc ccctcaancc aaaganccct tttntcccc 600
taantgtaag ccccttctt ttttatttag aaagnaana ttnctnccc accgggggctc 660
anaaaattgt gnttanacaa acanaccnaa atggctggnn tgttntcan antcgggncc 720
ctnggggttg tcacccttgn ctgggncttg tgtgatgggg cacctttnt tgatntccat 780
ttatacaaag gnttntnaa aagggcccnc aataccctt ncggggngca cccccagaaa 840
aaaatnaaan ggttgccntt tncattnga naaaaaaaaa aaaaaaaac tnnngggggg 900
ggggggggcc caaactnnn ntnntnttt ttnnggggc tntaaatnn ncn 953

<210> 1416
 <211> 1594
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1594)
 <223> n is a, c, g, or t

<400> 1416
 gnggggnggg gngcgnaagg aaatntttta tttnnnttn tnnnnnttc ncccnctant 60
 ttagtcntag ngngncann ttntnttttc ntnggggann cctantagga actcccccn 120
 tttgagncnc nntggagng cattacaggg gnggacgctc tncaantagt ggctcccctc 180
 cgttcttgnt acgactnnnc cccncnaann gttgttttn tntcctctct ctatttannc 240
 tnnctccnn ngggggnttn ttntntttct cccctcantn ttatctttt ncnngtttn 300
 tcggttttcc cgattnattt tttccnatnn atgnntanat aatcnanacg gacctnntgt 360
 ttntntntnt cnactnta ttctnttacc agncncnttn ntttnnttt tntcatata 420
 ttctnctaa tnnncnana ttnntctcg ttgntgtgcc tntctnnn tcttnttttn 480
 cncntntanc nntntctn tccnctgcc tgtgagttan cncnncnanc ngngtnttta 540
 tancntntgt gntnttact nnacganntg ttnnctnngt nnnnttntt ttcnntntnc 600
 ntntntttc tttcgngann tntnnntnt ctctntnggt taatgaanct tntctgnnt 660
 ctctntntn tctcnanntt cnnanntgt ccgatngnn tntatnctn tatctcnng 720
 cntnncnann nncnatgttc tannaatntt tnnnngtna tgnncnnntn cggnagnnt 780
 nggnctntt ggtttanntt tctntntnn tnnatcgttn tnnctgttc natcctngta 840
 cncnatctt ttgatannnt cnnngtntt tcgnttcggn ntctctcatg ntncccatn 900
 angcagctc ntgtcatntn cncnctcnc ntntngntc tacngcacng nttancannc 960
 ntantctctc ctactcgctc cntntntnt cnnntttnn cctnnatc tcnctnnaga 1020
 gntctctenn tcnntntatn tnattangnt nntngtntta ntntctctn cntnnngaga 1080
 cncctatgt ggcttctntg taatnctccc ntnnatatan tatntntan gacactntct 1140
 ctnctcnntn tatctanntc taactntcgn tcgtcgttn ntctgann cctangtana 1200
 nncnctgt ncnngncgt ntaangntnt nntctctag nncggttn tctctnact 1260
 acnttgtaa nantntnan tnnatggagt attctcttn tctagatoga tccnccgtac 1320
 gtnnntagct atntctgta ncacntaang atgtcttnnc gctngtgnn gnnntngtn 1380

tntnangtgt gtntntngcn tntgagtgt catangtatg ttcaatctnt ntttcgtacn	1440
gtatgnnact tncgtgaann nctcnacgan acntanntac ggacaangtn ncnnangtan	1500
ctntnngtac ttactnttcg nantgntacg gtccctatct atgnatgtnt nttgcgtcgt	1560
gtntngttnc tataatntcgn ntnggtagng gccg	1594

<210> 1417
 <211> 1594
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1594)
 <223> n is a, c, g, or t

<400> 1417	
ggngggnggg gngcgnaagg aaatntttta tttnnnttn tnnnnnttc ncccnctant	60
ttagtcntag ngngnncann ttntnttttc ntcngggann cctantagga actcccccn	120
tttgagncnc nntggagng cattacaggg gnggacgctc tncaantagt ggctcccctc	180
cgttcttgnt acgactnnnc ccncnaann gttgttttn tntcctct ctatttannc	240
tnnctccnn ngggggnttn ttntttttct cccctcantn ttatcntttt ncnngtttn	300
tcggttttcc cgattnattt tttccnatnn atgnntanat aatcnanacg gacctnntgt	360
ttntntntnt cnacntcnta ttcntntacc agncncnttn ntttnnttt tnttcatata	420
ttctnctaa tnnncnnana ttmntctcg ttgntgtgcc tntctnnncn tcttnttttn	480
cncntntanc nntntcntn tccncgtgcc tgtgagttan cncnncnanc ngngtnttta	540
tancntntgt gntntttact nnacganntg ttntctnngt nnnntttntt ttcnntntnc	600
ntnctnnttc tttcnggann tntnnntnnt ctctntnggt taatgaanct tntctgnnt	660
ctcgtntnn tctcnanntt cnnnanntgt ccgatnggn tntatncgtn tatctcnng	720
cntnnncann nncnatgttc tannaatntt tnnnnngtna tgnncnnntn cgnnagnnt	780
nggnntntt ggtttanntt ttctntntnn tnnatcgttn tnnctgttc natcctngta	840
cncnatctt ttgatannnt cnnngttntt tcgnttcggn ntctctcatg ntncccatn	900
angcagntc ntgtcatntn cncnngtcnc ntntngntc tacngcacng nttancann	960
ntantctctc ctactcgctc ccntntntnt cnnttttnnc ccctnnattc tcnctnnaga	1020
gntctctcnn tcnntntatn tnattangnt nntngntta ntntctctc cntnnngaga	1080
cncctatgt ggcnttcntg taatnctccc ntnnatatan tatntntan gacactntct	1140

ctnctcnntn tatctanntc taactntcgn tcgtcgttnn ntentgannn cctangtana	1200
nncncgttgt ncgngncgct ntaangntnt nntcttctag nncggctnnc tctctnacgt	1260
acntttgtaa nantantnan tnnatggagt attctccttn tctagatcga tccnccgtac	1320
gtnnntagct atnttctgta ncacntaang atgtcttnnc gctngtgtnn gnnnttngtn	1380
tntnangtgt gtntntngcn tntgagtgt catangtatg ttcaatctnt ntttcgtacn	1440
gtatggnact tncgtgaann nctcnacgan acntanntac ggacaangtn ncnnangtan	1500
ctntnngtac ttactnttcg nantgntacg gtccctatct atgnatgtnt nttgcgtcgt	1560
gtntngttnc tataatntcgn ntnggtagng gccg	1594

<210> 1418
 <211> 968
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(968)
 <223> n is a, c, g, or t

<400> 1418	
canaanctgg agctccaccg cggtggcggc cgctctagaa ctagtggtac ccccgggctg	60
caggaattcg gcacgaggag cgctcggagt ttgccactta tcggtcatcc ttggtgtccg	120
cagcactctc tccctctctc tagggcggcg acctccggcg gccggaaagt caccatgtcc	180
atcctgaagg tccacgccag agagatcttt gactctcgtg ggaatccac cgttgaggtt	240
gatctcttca ccgcgaaagg tctcttcaga gctgctgtgc ccagtggcgc ttcaactgga	300
atctatgagg ccctggagct tccgggacaa tgataagacg cgctacatgg ggaaagggtg	360
ctcaaaggct gttgagcaca tcaataaaac tattgcgcct gncctggnta gcaagaagct	420
gaacgtcgtg gagcaagana agatcgacaa gctgatgata gagatggatg gcacanaaaa	480
taagtncaag tttggtgcga acgcatnct gggcgtgtcc ctggctgtct gcaaggctgg	540
tgcttgtgga naaaggggtg nccctntanc ggcacatngn cgacttggct ggcaatgctg	600
aagtcatnct gccaggtncg gcttttaatg gcatcaacgg nggctttnat gctggcnacc	660
aagctgggcc ttgccggann ttattaatcc tttctggtgg gggcccaaaa cnttccggga	720
gggccattcc ccattggaac caaaagggtt anccccaanc ttgaaaaaag ntcttcaang	780
ganaaaattht gggaaaggat gnccccccac cctnggaaaa aaaagggcng gtttttnccc	840

ccaacattcc tgggnaaaaa aaaaaaaanc ccttggaact ttnttnaaaa aaggcccttt	900
ggcaaagggt tgggtttcaa aggnaaaang ggcttnattn gggaatgggc cnaaaacttg	960
ccctttaa	968

<210> 1419
 <211> 973
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(973)
 <223> n is a, c, g, or t

<400> 1419	
ttnancacna tctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcaggn cacgcangcc ctcanctatgg agggagcncg nccgctgncg gcggctcgcg	120
gcagcntctg aagaggccaa ggcggaacgcc ccctctgcgc acagtggctg ggggtgcgca	180
ccgnctcang ggctggccca cacctttctc tgtgagggcg agggctaaat ataaccggga	240
gagtgaagcc agtgataagc tggggcctgt ctggncctga nttctgttga gacctggcgg	300
ntagcagggc ccaagctagg nccggtggg agacgttagt gtctccttgt gctaaaggcc	360
tggctgacct caccacaag atcccagcct cccactatt tatagcccca gaggccctgg	420
gagggtaatg tgggggcaag aggaaaaagt ggaangaacg tgtgcatttg aaccttttga	480
gtcttggtta tgctgctaaa aaaccacatg accatggcaa gttgccttag gcacttcacc	540
ttaaccttcc ttacttgggc aagtgggggg ngatggncca catataaatg cttggggagg	600
nccatttga naatcacaca agaatgcaaa gtancaggtg cccgnttttg tttgattgaa	660
ccacaggctt tccaaatcca agccacttgt naggcctttg ggccctgaaa atttcttgaa	720
acnaacaact taggtttttc aagggaaggc ttggncctgg gcctnaaaaa nnttttgntt	780
tgcatttttt tttgaancaa aagggggttn aaacgntaaa gggcctnccg ttttnaaagg	840
nnaaaaaanaa ttcttngggn cccaaatttt ttaaaaaaaa aggggtttgn cccccccna	900
aaatgnatta nggggcctgg ggggggggtt tttaaaatnc aaangggggg gncncagntt	960
tttttttttt ttn	973

<210> 1420
 <211> 982
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(982)
 <223> n is a, c, g, or t

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<400> 1420
tnnanaaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggct cgagtttttt tttttttttt tttttttttt tttttttttt tttttttttt 120
tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt ttnggnnnn 180
nccnaaaann nnnnaaaaaa nttttttttt tttnnaaaaa aaaaaaaaaa aaaanttttt 240
ttnnnnnggg gggggnnnnn aaaaaaaaaa tnnnnnnntt ttttngggg ggcccccccc 300
ccnntttttt tttaaagnt tttnnnnnann ggggggntn nnaaaaaaaa aaangggggg 360
gnaaannggt ttttnaaaa aaaanttttt tanncccccn gggggnnaaa aaaaaaaaaa 420
ngggntnaa aaaangnggg ggggggggnc ccccccccc cncnnnttnt gggggggggg 480
gannnnnnan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnccggn nnnncggnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 960
nnnnncnccc ccccccccc ct 982
  
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<210> 1421
<211> 918
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(918)
<223> n is a, c, g, or t

<400> 1421
ttnnnnaaaan ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atcccccggg 60
ctgcaggttc ctgttaactc ttaataaact tacacatgca agcatctaca cccagtgag 120
aatgccctct aggttattaa aactaagagg agctggcatc aagcacacac cctgtagctc 180
acgacgcctt gcttaaccac acccccacgg gaaacagcag tgacaaaaat taagccataa 240
acgaaaagttt gactaagtta tattaattag ggttggtaaa tctcgtgcca gccaccgagg 300
tcatacgatt aacccaagct aacaggagta cggcgtaaaa cgtgttaaag caccatacca 360
aatagggtta aattctaact aagctgtaaa aagccatgat taaaataaaa ataatgacg 420
aaagtgaccc tacaatagcc gacgcactat agctaagacc caaactggga ttagataccc 480
cactatgctt agccctaaac acagataatt acataaacia aattattcgc cagagtacta 540
ctagcaacag cttaaaactc aaaggacttg gcggtgcttt atatccttct agaggagcct 600
gttctataat cgataaaccc cgataaacct caccaattct tgctaataca gtctatatac 660
cgcatcttc agcaaaccct aaaaaaaaaa aaaaaaaat tngggggggg gcccggncc 720
caatttgncc ntataggggg ggnnnntnaa nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnn 918

<210> 1422
<211> 995
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(995)
<223> n is a, c, g, or t

<400> 1422
gcntatntgg agctncaccn cnngggcggc cgctctagaa ctagtggate ccccgggctg 60

caggncnncg ncccgnncgg ggntgccggc atngcaagaa cnanccgnac ncagnngn	120
ncttcngtcn atgtgnacnt gatgctanaa ttnatatnnt ngncnngng cgnannaagn	180
cnaaancggn tgaanccna ctntntngnn nnnnnncngn naannannnt nancagnttt	240
gatctnaaac cttgtnggct gcgantatnt gtaccncna ntanngtg anganctgag	300
acngaaaagg ntncncata ctntngngc tncanccgtt anatggnatg cgnangancn	360
ngatgtngtg ttgtgctgna tntnatacac tncncacngg tanncgcnnt gnnnttngaa	420
ngncnnnngn nnnanggnnc nggnnnncn ttgnncatgt cntaaagggc ntngaacca	480
aannngagnn cnnngnacnt gnnantgaat gcctncgacg gncnannnn aancnncnn	540
gccgacaaaa aatcnnttg natcaaaann gnngntttan caanntnaac gcggatgaan	600
ntcntnncat gncggnataa angngannta taccanantg angcngggnc taatnaattc	660
ctaannatgg aancgtgtac caatggcngc ccttcctaata tagcctcaat nctttcccta	720
ctntnganan nctccantaa aatgctaggn tnttgtaaaa aaaaaaana aaaanaaatt	780
ggnggggggg ggnanattnc caaaaanaac ctttaaaaan ggnnnnncnt naaagcaa	840
tttaangcn cttgnanaat ttngnaangg gaaanntntg gaaaaaana aaaaggcccn	900
natttnnnnc naaaaagggn ntttnnnnan cnatnaaaa aaattcnggg nancccaaaa	960
ccngnnnctt tttnaanaan nnnnaaaaan cncnn	995

<210> 1423
 <211> 988
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(988)
 <223> n is a, c, g, or t

<400> 1423	
ncnactggag ctccaccgcg gggggcggcc gctctagaac tagtggatcc cccgggctgc	60
aggaaattcg gcacgagggc tggatgcaga ataggataat ctggagaatg gaggaagaat	120
gcaaaacgat atagtatccc ttatggatgg tacatgtgca acaggaact atttcatata	180
cccttggcag tctctgataa tcagggagga agaaaaacct ggaatttga ttaaggctga	240
tctttctggg ttttgcgcac tgtggctctc ccaggcatat atagtgaagg tgaatgtctt	300
ctccctcaga aaaactcagg ttccttgctg tctgataag gcatagcttc cctgccgtaa	360
cttaaaactc agtgaggact taagagggaa agaatgaggc aaatatatag gactgcagga	420

taacaactgc attgttgtgt actgtggaat ggggagggca ctcttgagg aggactgctg	480
aaggtgggtca gtctacctga gaatggaaga catacttggt ggggagcang gtatgtgctt	540
ttatatgaaa agagccgatg ttaaaactca tttggttagg taaacgttgc acataccttc	600
acataangga tagtatattt tgggttgacag tcaaacttca ttgtgctcaa actggtgaaa	660
atgcagtttag gctttttgta aataccaaaa aaaatccggt ctcaacttta attcangngg	720
ctactgctac ttcanaatga ttttaaaagt cccccccccc tcccccatga annttcttcc	780
tattttttat gcctggaacc ttgcccccaa nnttttgttt nnggaatttt acttntttta	840
attttgaaaa tnancnttn taaanntcna gcccttggn ttttnanant nanntttttt	900
nttntntnch ttannnaaaa aaaaaannnn nnnnnnnnnn naaaaacngg nnnntntttt	960
ccttnnnang ggnntttnnn nccanct	988

<210> 1424
 <211> 1232
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1232)
 <223> n is a, c, g, or t

<400> 1424	
ttnnnatagn gaatngntan ganncnaccn nctnnncctt tgagcccnat agtgagtcgt	60
attacagggg cggccgctct anaactagtg natacccccg ggctgcatgc tccccncncg	120
ttgcnccttt tncngctcgc cccctgtccc ngcncccccc gggntnttcc ncancncatc	180
ccgtntctat ccccnantc canaganana ntgannttcn cttgnatnaa cgaggaaan	240
tntngtcta aaaatctttc cnttntntn gncnnannn gaatnctnan tnaantannn	300
tagnactcgg gctnccccggc ttatntatnn taaanangcc ncctnnccgc tncnncatat	360
gtttntcct tcaccacnnn nantntctcc ttgntncgtt cnnngtnncg cccanntcn	420
gcctncna ctaancnccc naannccntn nnnccnatt cennntaacn angccctang	480
aactntntnn ttncctttcta tccnncacac caccnttna tttctngctt cactnnnngc	540
cncctnttcn agnttcataa ttnttcctnn tgtannctcc ctgcnaancc aaaaantntt	600
nnttnttctt tcnccntccn nanantnnt nnatancatc tgccanngc ncctncgcna	660
antctgcnc ctctntntn atntatgccn gnataccttg tncgtctcat aatnatnata	720

nnttnanatn nccccntna ttttctnaa tccngtctcc tangcgnnnc ttaanacanc	780
acnattnatt ttccccncc ncnntcctcn ctctccctcc ctttctncnn ncnccccnc	840
cccacncttt cccctttcnt nttctccac gcccgctnnt cctanntact nngcnncctn	900
nttnanctcc nccccncct cnnctctcct tncncnntnn tcttnntntc acncnatata	960
ancgacnnca taantcttac agntccctna agantntcac cntcatatct ctntcncnt	1020
cctcnnncan tccntatcan ncgcgctnct ttatttgagt taatttgtnt tgtntntnta	1080
nccgttntng ncnctncttt ccngacncgn nnnnccnnt cncctntntan tncgcncctnc	1140
tcttnatcta nttctntcnt cacctnannn tcnnaccnca ctcccttcagn tcnaccgtnn	1200
cgannnnctg cncctattca nagagngcnc cg	1232

<210> 1425
 <211> 1042
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1042)
 <223> n is a, c, g, or t

<400> 1425	
tnagncctat agtgnggtcg tanttanagg ggcggcccg cctagaacta gtggatcccc	60
cgggctgcag gaaattcggc acgagggcgt gacgtgcnnt ngccgccacc tggtnnncat	120
gggncancac ttctgttaa ganaanccac nangtggaac ggngacgann tanactnnnt	180
natcngctnt ntgncaggct gtcangaant canataggag tnccgtnccc agnacatcnn	240
cnttcnnnnn ntgctgntgn tnaacnanga tnngttnaan agngncnna acntntagct	300
gggggcacag attannatct antntgnntt tnancgctc nccgacnctt annгнаagg	360
cgngnncang acncttntnc tccngannna gcagaccgc accntttana cagaggggtca	420
nnaacnnata ntttntgtt gtgttganac nngaacaccn acctctttnn ncngnngccg	480
caganccnca anactnttgt tcgtntgnnc ngtancncc cccctccttt ncannnagg	540
catnnnagca naanactant nttgtgnnnn tnaaacntgg gtgncccntc nctctttnna	600
caattangtg ntnacaactg ncttcnnttc taaaantnnn ncntaancga cnaagantnn	660
gtnnntcnat atnnnttgtt ctcnnttnt ctctnncana nngatnttn ctttctcnn	720
gtctntnctc ncntaatit anntaaaatt tntctntgt ttatacnaat tttntntnt	780
nnntggcnng cttnaanctc cctngaactt ntnttnantc nttntntntn acntcnnttn	840

aaacactcctt nnntnnntntt cttnggtntt annttnnctn tntttnanct tgtnnctaga	900
gttttccctc tattcttttt ttatntanan ntctnngtct atttgngntn cggngtctag	960
nnntnnnatt ntctgtntct cantanactn anangactnt tntctgtttct nanctatttt	1020
tcttntncna tcntcatccc cg	1042

<210> 1426
 <211> 1042
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1042)
 <223> n is a, c, g, or t

<400> 1426	
tnagncctat agtgnggtcg tanttanagg ggcggcccg cctagaacta gtggatcccc	60
cgggctgcag gaaattcggc acgagggcgt gacgtgcnt ngccgccacc tggtnnncat	120
gggncancac ttctgttaa ganaanccac nangtggaac ggngacgann tanactnnnt	180
natngctnt ntgncaggct gtcangaant canataggag tnccgtnccc agnacatcnn	240
cnttcnnnnn ntgctgntgn tnaacnanga tnngttnaan agngncnna acntntagct	300
gggggcacag attannatct antntgnntt tnancngctc ncggacnctt annгнаagg	360
cngngncang acncttntnc tccngannna gcagaccgc accntttana cagaggggtca	420
nnaacnnata nntttntgtt gtgttganac nngaacaccn acctcttttn ncngnngccg	480
caganccnca anactnttgt tcgtntgnnc nngtancncc cccctcttt ncannnagg	540
catnnnagca naanactant nttgtgnnnn tnaaacntgg gtgnccctc nctcttttna	600
caattangtg ntnacaactg ncttcnnttc taaaantnn ncntaancga cnaagantnn	660
gtnnntcnat atnnnttgtt ctcnnttnt ctctnncana nnngatnttn ctttctcnn	720
gtctntntct ncnntaattt annntaaaatt tntctntgnt ttatacnaat tttnttnt	780
nnntggcnng cttnaanctc cctngaactt ntnttnantc nttntntntn acntcnnttn	840
aaacactcctt nnntnnntntt cttnggtntt annttnnctn tntttnanct tgtnnctaga	900
gttttccctc tattcttttt ttatntanan ntctnngtct atttgngntn cggngtctag	960
nnntnnnatt ntctgtntct cantanactn anangactnt tntctgtttct nanctatttt	1020
tcttntncna tcntcatccc cg	1042

<210> 1427
 <211> 976
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(976)
 <223> n is a, c, g, or t

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<400> 1427
tnnnnnnaaaan gctggagctc caccgcgggt ggcggccgct ctagaactag tggatcccc 60
gggctgcagg aattcggcac gagggatgac ttacgtcctt tttaaaagcc ctgctgctgc 120
tgctgctgct agtcgtgtct gactctgtgc gaccccatag atggcagccc accaggctcc 180
cccatccctg ggattctcca ggcaagaaca ctggagtggg ttgccatttc cttctccaat 240
gcgtgaaaag tgaaattgct cagtcgtgtc cgactcttca cgaccctatg gactgcagcc 300
caccaggctc ctctgtccat gggattttcc aggcaagagt actggagtgg gtttaaaagc 360
cctaggactc taggaaaacc tctctcttca tctagtgtgg aaagcttatt aagaaaggag 420
tggaatgagc cttaccagat ggttcccagg tggtgctaata ggtaaagagc ccacctacca 480
atgcaggaga catgagagac atggattcga tctctgggtt gggaagatcc cctggagaan 540
gaaatggcag tctacaccgg tattcttgcc tggagaatcc catggacaga ggagcctggn 600
ggctgtantc catanggnca caaaaaagtn tgaagtgacc taacatacat gggagntaac 660
aggacatttt aagaaaaaag gaaaagctta accnaaggcn ggctgtncaa atcgtgagaa 720
acttncccna aagtntttctc tgagntataa atgcctgaaa ancntcncca accccttttc 780
ttttggaaaa aaatggcggn gtatttttgc cnncccttga gcaacttgaa aatttttttt 840
tttnaaacca agcnccttaa aatnggnaan nntttnttgg gggnaancct naaaacctct 900
tttttaaaag gccccttgn tttttaaggg ntngggggct ggggaanaaa ntggggccnaa 960
aaacctgggg ggttga 976

```

<210> 1428
<211> 955
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(955)
<223> n is a, c, g, or t

<400> 1428
tnnaacaaan ctggagctcc accgcggttg cgccgctct agaactagt gatcccccg 60
gctgcaggtt tcagtccttt ggatctacgt ttccaattaa gtattagtca agtattaaca 120
gcacaagtaa tgggttaact ttagactagg aattggtgtt ggggtggggg gtgcaagaat 180
ctttatttta ttttattttt ttggataaaa gttttatcta ttatatatta aacgttcttg 240
ctgctgtgct gcaaagccat agcagatttg aggcgctttt gagggccgaa ttattctcca 300
agttgagaga tgtcctcggg ttgaattgaa agccctaccc aaaactgcag tgggaagggg 360
gagagccttt gcctccactg cccaccctc accctcctcg tagaccctct gccttttgaa 420
agcagatcat tttcactgag atgttggaca ttgcagatgt ctgttcccca ggccagcagg 480
gacctctgaa accttcatgg cctggccttt ttttttttca anccnggggt tttccaaagg 540
ganaccnngg attttggaat tcgaaaantt ttccaagctn ttttctnaa atttnanaac 600
ctttatncna aggtnaaatt ggaagggctt gtttgnaaac cttnaccccc cttgaaancc 660
cccccttaat gaaaaaacct tgggggggtg cntnaaaaaa aagganggtg ggnattnaaa 720
gtttaaaaan nccccggttt ttgaaggcc naaattnccc cttggggaat taaannattt 780
ccngggtttt ccttggtccc nttaaccct ttggtgncc tggggaaggg aattgggggn 840
aaaaaaaaat ggttggtttt ttccccaaa cctaaccccc aatttcnttg gaattaaaaa 900
atgaaatttn aaagnttttn ntttttgga aaaaaaggg cctttttggc cggnt 955

<210> 1429
<211> 1130
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1130)
<223> n is a, c, g, or t

<400> 1429
ttganacaan ctggagctcc accgcggggg cgccgctct agaactagt gatcccccg 60

gctgcaggct cnnngnacna ngtttttttn nttncngctg ggntgnacct gtncncgggn	120
ngncnatggn nccacacctg gccctaacct gtcctcctt ggctatganc ccaccaggga	180
catccctggc tctgntggc cgtagnngc tggcatggcc cacctngggg ctnacctgct	240
gcnnngcngac ttgcttcccg gcctgancct gtnaccttgn tcnctactgg taaccnntcc	300
ttnacnngnn gcctttncan gggncntacc ccangggant gattcttctg cnetgntcct	360
accttngctt atttcttggn cgcttnggtt tcttncttg ggtacanacc ctggtnttct	420
gntggnnntna ngaatgctcn ctctnggcc ngnaantgaa tcttcncttg gggnaantg	480
annantctnt tttnangggg tnnntngaan nccngtnnt acctnngcnn nggnaaacan	540
anancntgga tntctngcn cgctggnct ttgggntcan aatnccatgc nntnggggna	600
naacctannn cntagngttt nngnancccc nncnnggggg gnntncnct gnntganant	660
tttnntattn aanatccttt ncgggctctn aagggnntan nnnngngccc cncaacnttt	720
cacnatntcg ngnnnccccn cnannaaaan aaaancnnc tnttcttttn cccngtcgct	780
cncaannaca nccnnnnnnn gncntcanna angnnggngc ttcnntntct ncctanantn	840
nnnnnnntc nccnannnt caatgncngg nagtatanan nnnnatnttt ntngngcanc	900
tccgtntncc gtgtgnnnca tctntctnn gncnnnatat ncngcnngn tcttncna	960
cntnnacttn nttnccnate nttngtcnc ntannntna ncnangctg cncctctcc	1020
aactntncat tctcgnncn gcnttcnnt tttntcant ancancnnc catctactn	1080
tcgntnanat gctntgtnt nctctgcttn ncnnttttn ctcnntncca	1130

<210> 1430
 <211> 954
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(954)
 <223> n is a, c, g, or t

<400> 1430	
ttnanaaaac tggagctccc cgcggtggcg gccgctctag aactagtgga tccccgggc	60
tgcaggaatt cggcacgagg gtccgagtcc tctgatgtcc tgtccaagtg aaaggctcct	120
gcggtccttc ccagcctctc cggtcattg gtcctgcag atggagctgt gcaggggagc	180
atctgcacag gagacctgag gtttcgcccc tgctctccgc ccacacctgg ggggagtcga	240
ctgcctgggg ttgccccttt cgcccatgac cccacctaaa agccaatgta agcgtctttt	300

tcagaataaa tccaattcga gtaaaaaaaaa aaaaaaaaaan ntggggggggg gnccnggncc	360
cnatttcccc ttntnggggn ngnnnncccn cccccnnnnn nccccnnnnn cccccnnnnn	420
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn ccccccccn nnnnnnnnnn nnnnnnnnnn	480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnn	954

<210> 1431
 <211> 1003
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1003)
 <223> n is a, c, g, or t

<400> 1431	
annactggag ctccaccgcg gtggcggccg ctctagaact agtggatccc ccgggctgca	60
ggaattcggc acgaggtcct ttattcctac tcagactgtt gcacatacta gccttgggag	120
ttcctagaat agaaatcctt aggttttaat tccagtcttg tttccaccta cagagtccca	180
acgtggttat tgcaggcaac gttccctctc tccgtggtct agaagcccct cccccaaggt	240
agaaagaagg gaagaagcta actccagtgt ttccgttgca ctgatcccca attcagtcca	300
ggagggggct tggtaacccc tctccctcaa tatectggca ccttgggctt gtgaacgcct	360
cctagccaaa tactagagt acagtgacct cagcctcctg cctgtcccga gtgagccctc	420
cccaccctga ccgtgctaac tgtgtgtaca tatatattct acatatatgt atattaaacc	480
cgcactgnca tgtgtaccct ttttctgtgg ngctctagcat taacttattg tcaaggccccg	540
ggcgggggtg gaaggagaat gccacagtga agggagtggc anagtcaa attgctatatag	600
tcgaaaaaga aaactttttt aaactttaat ttcacatgca atctcaagag actattttaga	660

gagttttaagt gaggnngggg agcttttggg atgttgggga acaaaacttc antgggaagg 720
aaagggctgg ttgttgga gaagggaacaan cccactggnt ggagaagcac ccttttacaa 780
nccaagccca nacccanacc ggtnccttt ngccacttgt gggggacncc tncctttaa 840
acanacacct tcnngggtnc tncacaagt tttnccttaa angaaccttc ccnagatttc 900
cccnaccnt ntctnggggt tctcccnca gnangagaan anaancnttt ganaanttgn 960
ggaagtggaa aannaacntg aattntccn ttccaacnag gct 1003

<210> 1432
<211> 1318
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1318)
<223> n is a, c, g, or t

<400> 1432
gnccnatnng ggaangngca tnacaggngg cnggccgctc tagtaactag tggatcccc 60
gggctgcagg naatcncggc cacgagggct gntatgcanc aatangcatt aatcatgtta 120
ataanngngg ggggaggaac tactttcatg atagnngnan nnnnnnctc gngatnngan 180
acnanagggc cncntttgcg annanttgc nntnacnagc ncnggncgtg nactcncnta 240
taancacann nntgntnagt gnntnncna anctcgnna tcngaannnt ntgnnaacnt 300
gcantgtnc aagaccnna tncatggnn gnnntgggt ngacctnca ntcacgcgt 360
nntatnnantn cgantgngg tcgatctnct cnnnncatgg nntctnatat ntcatgngn 420
nganagtcgn atcatnang antanntann nggantnct nctnngatat tcttncncn 480
gntcntngac angacgaca cgnacnncac acgcagtng tnnngangna agatncntnn 540
tatngccacn anagnngna agantanacg agtntnnac atcntnagng ngcgatacnc 600
nagttcnnna cgnnttan ntagtagcgn nngngntcnc nagttttaat gtcntngnc 660
anngncnnac ncannnnnt catnatttn tcnnnnnana tgncancnna tnagtngtn 720
gcnnncngcn nnnnncgtga ncccanatg ntncntncat gatctcantt anannggagt 780
nntgacaana ntntnttgan antngttna cagtcnagna gannccatca gnnngnaca 840
natnnnngna cncntntgtt ttttnntcg acagtantnt angttntnt nncnatagag 900
nnnagtagtc tgntnncaga nactctagna gacncntng nnccttnta gtnatantn 960
natntntnc ncgtngact cnnnnanact tctntcnac ttttnctgc ntntgtcna 1020

aganaccgat tgtgatnanc ctannntnac gntttcggag gagannnncg attccnncac 1080
 tntncnncca nggtctncct ngtnccctcn gacnaacnnt atncnctcct gttagtagca 1140
 tnnacgcnga gnngntantt nnatnttgna gcttcatggt natggtagtn tgatgtangt 1200
 agtaggaatg aagaanntgg aantagnan aaataaanag nanaagtcgn aagcanaaan 1260
 taaaggangn nngacgnacg cnatcantaa cctcnntnnn natntcgttc ctccgtct 1318

<210> 1433
 <211> 1487
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1487)
 <223> n is a, c, g, or t

<400> 1433
 tactaanggg agggacncan nnaacncnnn annttgngc tngaggccct catagtgagt 60
 ccgcattaca gtggtnnccg cccctactnt nnagngtgat cnaaccanan taccattacn 120
 cattatttcc cnnntaatnt ttatttatct ncacnannac aanctctgat ancntnttcg 180
 ntcnnngggn ttatcntntg cnctnggtt nnaanncatn naccctanat ctgncncnan 240
 cccttattct tcaanntang antncgnncn catcntnatt atnnatagan nntntntc 300
 tnnnnacnqn aatcaaagcn ncnntntntt ttctntntn ttatntcct cttgngann 360
 ccccaggann cgnntncantt ntaattatat gtncntntnc tncnttnnt tntntantn 420
 tntttnttc ttacgcgtna acnantgtnc natatannnt ttgtancgat naggcacnnn 480
 nnnattaant ttngtgtcta tactntnnnc cgnnacnncg naannccatt ttctatcntn 540
 gntntannca acntcnncaa tntntntnt tnnnnanntn nncnncgana cannnngnnc 600
 acnttnannc tattnngccn nctnncccag acnnacnngg ctnttcctcn nnntaatann 660
 tnanctncat ggnnnctatt tngantatnc naaatannt tnttatatna tncaaannna 720
 tcangtttn ctataagtta tnnanntcaa gnggannnan taanacgctc cangctangt 780
 tntctcnnga nctntgaga tataaaann ntntnnagnn cnnngatann gcaatnttna 840
 tngtttgnc ttntatccta tngnntatn tntannnnnt nnnctngnnt nntnccgtcn 900
 tcaatnttna ntntnatttn tntnacata attttcacct actctnnat nnnatnnnc 960
 nnnnatnaan ccncncggt ctcctctctc acctntcnc tcatcacttt actaatntnt 1020

aatnatchnac gcgntncgct tnnanangtc nnnanncnnt gtntcngtcc tcnnncgatn	1080
tactcagccn annatnntcc ttaattacnt gtgctctgcn natgttatca tttacangan	1140
nngantccta tnttctnnat tnnntctnqn antnnntcan nngatannta tacctatatt	1200
actcnctctn caatnttaca gntntaatan nngcnngaca ntntatgatg nancgntata	1260
tgtanantac tcatatcnnc gtgngcggtta cnanntncna tatctcctca naangtnnct	1320
ncctttntca gtgacacaan atnngatnnt gnccgctana gnngnntggg nannnngnat	1380
ntnagtatca ttatntatta ntngtncgct cacatanacg nngnncngnc gnctnnnctn	1440
tattnncata tatnaacggn tcnctaaaca nntaatnnnt agagtcc	1487

<210> 1434
 <211> 989
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(989)
 <223> n is a, c, g, or t

<400> 1434	
tnagcctatn nggagntnna tnncagtggc ggccgctcta gaactagtgg atccccggg	60
ctgnaggant toggcacgag gccctgacgt gcacatgcgg gacctggtgg gcatggaaca	120
cnatttcttg ccangtgaac ccancnantn gaacggggnc cannnntanc anntnnttcn	180
ntnttttgcg ngntngcnag aaatngcaaa ngaattncct ncccangaaa angacnggcn	240
ancnctnntn ntgntnaagg nngancacct gangaatgnc atnaacntta anctggggcc	300
ancccttaag aantacncac gtatnagcat gcnaangac nttaaggctn gncggcgccg	360
ggcttctcct cccgaacgag canaaaccgg tngacactct tgnngggccc aaagnacagg	420
gcggtcaagg gaagggcccc cgctgccggg gcgtacctgt gggaggaggt ctcnngacct	480
ccttggtggg ctctcaanng gcctttcttt ntgtgggagn ggcacaaagg tangtggcac	540
acaanatggg gctntatgct tntanaatat tggtgacact gtntttttcc anantnccac	600
gactctagcc ccgcttcttt ttcnctnttt tttgtgcccc attnttcaag gggtantatg	660
gncanggctt ccancctgn ggtgggggna tttttcccag gngnanccnn ccgggcnctt	720
caagaaaaag gncttcntaa anccctccnn ctggcntttc tttccttttt ttttttttgg	780
ggggcccaac catntttnt tcnngntggc agcctttttt tccactttaa aaactnttt	840
acttnaannc cgcccaaaa gngngnttc cctntntacc ccntccaag gngggangga	900

aaaaaaaaa tttgntnccg gntttgtttc anccccctcc tttggttnna aaccncntta	960
aatcncctttg nngggngaaa nngnnttgc	989

<210> 1435
 <211> 989
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(989)
 <223> n is a, c, g, or t

<400> 1435	
tnagcctatn nggagntnna tnncagtggc ggccgctcta gaactagtgg atcccccggg	60
ctgnaggant tcggcacgag gccctgacgt gcacatgcgg gacctggtgg gcatggaaca	120
cnatttcttg ccangtgaac ccancnantn gaacggggnc cannnntanc anntnnttcn	180
ntnttttgcg ngntngcnag aaatngcaaa ngaattncct ncccangaaa angacnggcg	240
ancnctnntn ntgntnaagg nngancacct gangaatgnc atnaacntta anctggggcc	300
ancccttaag aantacncac gtatnagcat gcnaangac nttaaggctn gncggcgccg	360
ggcttctcct ccggaacgag canaaaccgg tngacactct tngggggccc aaagnacagg	420
gcggtcaagg gaagggcccc cgctgccggg gcgtacctgt gggaggaggt ctcnngacct	480
ccttgtgggg ctctcaanng gcctttcttt ntgtgggagn ggcacaaagg tangtggcac	540
acaanatggg gctntatgct tntanaatat tggtgacact gtntttttcc anantnccac	600
gactctagcc ccgcttcttt ttcnctnttt tttgtgcccc attnttcaag gggtantatg	660
gncanggctt ccancctgn ggtgggggna tttttcccag gngnancnnc ccgggcnctt	720
caagaaaaag gncttcntaa anccctccnn ctggcncttc tttccttttt ttttttttgg	780
ggggcccaac cattntttnt tcncgntggc agcctttttt tccactttaa aaactntttt	840
acttnaannc cgcccanaaa ggngngnttc ccntentacc ccntccaag gngggangga	900
aaaaaaaaa tttgntnccg gntttgtttc anccccctcc tttggttnna aaccncntta	960
aatcncctttg nngggngaaa nngnnttgc	989

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<210> 1436
<211> 957
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(957)
<223> n is a, c, g, or t

<400> 1436
tnnanaaaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggaa nccgntgncn annctcaacc anccataaag atattggnac cttttatcta 120
ctattgggng cttgggccgg nntagtagga acagctctaa gccttctaata tcgcgctgaa 180
tnaggccaac ccggaactct gtcgagagac gaccaaactct acaacgtagt tgtanccgca 240
cacgcatttg naataatctt cttcatagta ataccaatca taattggngg attcggtanc 300
tgacttgtn cctaataat ggtgctccc gatatagcat ttccccgaat aaataatata 360
agcttctgac tctcccttc cttattccta ctactcctcg catcctntat agttgaagct 420
ggggcangaa caggctgaac cgngtnccct cccttacagg caacctancc catggcagga 480
ccttaagtan atctaaccat tttntnttta cacttagcag gagtttcctc aatttttagga 540
gccatcaact tcattacaac aattatcaac ataaagcccc ccgcaangtc acaataccaa 600
accctntgt tggaatganc cgnaataatn accggccgna ctactactaa cttttngttc 660
cctggattan cagccggcat cacaatgctn ttaacagaac cggaacctaa atacaacctt 720
ttttcgaccc ggnnggagga ggaaacccta ttntatttca accctttatt ctgattnttt 780
gggaccccc gaaggctata ttttaaanct tancnggggt tgggaaaaaa tccnttcata 840
ttngggaccc tacttccttc ngggaaaaaa aanaaacnn ttngggaaat tttggggaan 900
aggnttgggg cctttaang gcaaannga attntaggg gttcaatcgg aangaac 957

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<210> 1437
<211> 1060
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1060)
<223> n is a, c, g, or t

<400> 1437
ttgaaaccac tggactcccc gcggtggcgg ccgctctaga actagtggat cccccgggct 60

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gcaggnttna gtccttngga tntannntcn aannaagtat tagtcaagta ttnggnngca	120
caagtaatgg gntaacttta cactangaat tggcgntngg gtggaggggtg catgaatcnt	180
tattctatatt nattttttng gatanaagnt ntatctatta tanattaanc gcncttgctg	240
acnnnttgca naaccatana taaattnnan gntaactttt agggctggan tgcttctcnn	300
nntncngnan atgnccnnaa gnattcgaat nganaccccn aancagaaaa nnttgnaang	360
gncaggnga aatgnttnta ccttcgttgg gnngancctc accgaaatnt ttnaccctgc	420
agannnttgg gcnatacngc tnnntctann cntgtngnna cannccttnc cnaatgcnt	480
atctcatctc tntnngtttc cnnnttntnc ctnnnnntgn ccnttgcntt tttttttttt	540
ccntttcnnn tngtngcntt ttttactntn tcattctann tttatngant tnnnnaatnt	600
ccnantnnnn acnannnctc httnnacntc tattaantac tatngancnn nctnatcna	660
nnatgtntn nntttnatnt ccngncnct cttctttcnc nccntntatn nngccnann	720
nacnnttgn natncttct tcttangnnn cannnnantn cnattcntgn atacattnt	780
gannantttt atnttngna tactctnacn ncaannnnna ncaganntcc cntaactata	840
antacacttt ttttatattt ttnaccgng gnnnatanaa aatacanacn ctngacatnc	900
tncttgacgt nangaccgt nnnacttntt cnacnaganc cnttagangt ntnacnnt	960
ttncataatn tnaancccn tcatgnntct cacgantgct ctattattnn tnanacngat	1020
ttentacnct agcnatanca gctgangtta ntccctnccg	1060

<210> 1438
 <211> 985
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(985)
 <223> n is a, c, g, or t

<400> 1438	
aaaagctgga gctccaccgc ggtggcggcc gctctagaac tagtgatcc cccgggctgc	60
aggccgccat gggccgcgtg attcgtgggc agaggaaggc cgcgggctcc gtgttcgcgc	120
cacatgtgaa gcacagaaaa ggcgccgcgc gcctacgcgc cgtggatttc gccgagcgac	180
acggatatat caagggcacg gtgaaggaca tcattccacga cccgggcccgc ggagcgcccc	240
ttgccaaagt gggtttccgc gatccgtacc gttttaagaa gcggacagag ctgttcacgc	300
ctgctgaggg catccacacc ggccagtttg tgtactgcgc caagaaggcc cagctcaaca	360

tcggcaacgt gctcccgggtg ggcaccatgc ctgagggcac catcgtgtgt tgtctggang	420
agaagcctgg tgaccgagggc aagctggcaa gagcctctgg aaactatgcc acagtcatct	480
nccacaaccc tgagacaaaa naagacgcga gtgaagcttg ccttcggctt ccaaaaaggt	540
catnttcttc tgccaacaga nctgtgggtcg gtgtgggtggc ttggaggtgg nccgcatttg	600
acaagcccat tctgaaggcc ggccgtgcct taccacaagt attaaggcaa aagagggaact	660
ggttggccac ggggtggcggg gtgtgggcat gaaacccttg tcgagcattc cntttggang	720
gnggcaacca nccaacacat tgggcaaanc cttttattnt ttgcaaaaaa ccccccttg	780
ttgggcccgg aaagnngggtt ttnanttggt tgncccgccg gaaaaggncc gttttcnggg	840
gaaaccaaaa aatgggcccgg ggaaaangga naaacttagg gnttgggggt ttaaaaanaaa	900
agnttggttt ttttttcca acttggaataa aaaaaaaaaa aaaaaaaac ttggggggggg	960
ggggcccggg gccccannt tttnt	985

<210> 1439
 <211> 1051
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1051)
 <223> n is a, c, g, or t

<400> 1439	
ttganaacgc tggactcccc gcggtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggaattc ggcacgaggg gactngttct ctnangctgt caaagtggca gaactcgaga	120
agcgctgac agagctggaa gccactgtac gctgtgatca ngatgctcag aatccccctt	180
cannagntct ncanggagcc tgnctcatgt gtactgcntn nanacntngg ggngantcnc	240
actngccttg tggttgntnc tttcgctcna ntaccacna tnnttncnnn tggatnngcn	300
ngtnttttca agantnnatg ctnttncnn atttncatn nnngtanaat ttnnnngggg	360
gggccccnga acccnnatnn tccaattatt tgnnngnct ncnttnccat ttngnccttn	420
ttttntcttt gttcttnatg tnaatattna cttgcctcca tcantcngtc ttgnangatc	480
aaagtnatnc ntttttngnt tcannttttn gactcctntt ggtattanca ncgtcaactn	540
nttgattntt tttgttncct cnttttctat tnnntcnc tttttnantt cnggggtntan	600
aanggatnna ttgtntnaa canctgctt atcttcttna aggtngactt ttnnccanca	660

tttgnttncn tatnctnnnc tttactcntt tttgnacntn nctctcttn ntnactcna	720
tntnantctn nnnngnnnnc ttatcnnctn tttctnanan tccnnngctn gtatntttnc	780
ttttntcac tanttgtnn tcntnctnn annaatctt cncctcncta nttttanttn	840
tacaattttg nagnntatgt ncttntttat nactnttttag agnctagtat attttatgcn	900
ntttctnta ntnnttnann nactngntga ntttngnta tattttaatn gntttnnnc	960
gntcnccgta natttctctt ncttgnnta gcggtngagn actccnttan tggctcncgt	1020
acgtctctct ctanctnctc ntttcnnctc g	1051

<210> 1440
 <211> 983
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(983)
 <223> n is a, c, g, or t

<400> 1440	
aaanctggag ctccaccgcg gtggcgccg ctctagaact agtggatccc ccgggctgca	60
ggaattcggc acgagggggg cggtgccggc ggtggctggc gggtcggcag tgagtgcaag	120
gatcaccatg attcttcaga gactcttcag gttgtcctct gctgttcagt ctgcaatctc	180
agtctcttgg aggaggaaca ttggtattac agcagtggca ttttaataagg agcttgatcc	240
tgtgcagaaa ctcttcgtgg acaagattag agaatataga actaagcgac agacatctgg	300
aggacctgtt gatgctggcc cagaatatca gcaagacctt gaccgggagc tttttaaact	360
taagcaaatg tatggtaaag cagacatgaa tacgttcctt aacttcacgt ttgaagacct	420
caagttcgaa gttgtcgaga aaccacaatc ctgaagaagt aatgtaaaat tgatctggta	480
atttgtccta gattagttgt acagctggcc acaagtaaca gaataaacat ttcatactgt	540
tcaaattgtt ttttaattct gatttcaaata aaattatttg gtgatgtag gtaaaaaaaaa	600
aaaaaaaaac ntcggggggg gccccggtnc ccaattnccc ctttnggggg gnnngnnnnng	660
annnnctn nannnnntcn ncnannccc nanccctngn ncnnttnnc nggcnttnt	720
ncnnnnnnng nnaaaacnn tngcntngn nctntnncc ncnncatnn tgaanncnnn	780
nnnnnnct nntnnntnnn nnnnnngttn nnnnnnnnn cncnnnnnn nnnccntnt	840
ggnnnnnnnc ncntngggnn nnnnnnnnn nncncncttn nnnntnnncc nnnnnnnngn	900
nnnnnnnnn nnggtgggn tnnnnnnna antnnnnnn ncnnttnctn nnnnnnnnn	960

ncnnnnnnnnn nnnnnntnnn nnc

983

<210> 1441
<211> 1027
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1027)
<223> n is a, c, g, or t

<400> 1441
gcctatnnng agnngnatna cagtggcggc cgctctagaa ctagtggatc ccccgggctg 60
caggaattcg gcacgaggct tgtagttgtc atccttgacc tggctaagcc ctgggagtgt 120
tagtgtagat cccatgggat ctatgttgtc tcttttatgc caccgtgggg cattttgtta 180
atttgctact ctaccttgaa tggaaaacag ggccttggtc agaaaaagaa tgctctggac 240
actgctaagg acttagagtc agcccatggt gattgtttgg cttcttgntg tctgcctctt 300
ctttcctagt gtctgcctgg ctctttanca caacctccca aggggtggaca gggggaaagt 360
tggtggtgtc aaaggtcaaa actatggtgt agaacagtgc tcgagaccct ctgtgatctt 420
tctaaatgaa cagaaattga tccataccaa cgagggggca acttgtcaat ttctttaatg 480
tctcaatatt aactggaatg ctgccttgng ggttctcacc tgcntgaatg ttttgaattg 540
gatgtnatac tggctataag tctccaaagg aataactgac tcaactatct accctgttta 600
ctccagtaaa caagttttcc tcatcccctc agngtaaaaa tccttcaaaa ggtaggcgaa 660
tttgcttctg ggggtgttaa agcgtangtg gggatatttt gaagggagga aaagtcnngt 720
tcnggcanaa agnggttttc ccccnntaaa ancttaaggt atttnncttg nntnngggtt 780
ttaaaccccn ctaaaacttt tgnanggaaa aggnntccnc ccccttacna angaaaaaac 840
ntgcttnnaa aaanccaaaa nnggnnttng naangaaaaa aaaanggggn naaaangaaa 900
cntttncctt ggaannttnt tctttngggg cnngggnaaa anacancaaa aaggtgaaaa 960
atatttttct ttntttanaa aaggncanct acacccttg tggnaaannn nnnnnncacc 1020
cctatct 1027

<210> 1442
 <211> 993
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(993)
 <223> n is a, c, g, or t

<400> 1442
 gccctatagn gagtcgtatt ncagtggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggaattc ggcacgagga aggtgccc atnangcgctcn gaaatgctaa gggatatcat 120
 ccgtgaatac actgatgtgt atccagaaat cattgaacgt gcatgctttg tcctggagaa 180
 naaatttggga attcaactga aagaaattga caaggaagaa cacctgtata ttctcatcag 240
 caccctgag tccttggtg gcatactggg aacgaccaa gacacaccaa aactgggtct 300
 ccttttantg attctggng ncatcttcat gaatggcaac cgtgccanng aagctgtcct 360
 ctgggaggca ctacgcaaga tgggactgcg tcctggggna agacatcccc tncttggaga 420
 nctgaggaag ctctnactt acnaatttgt aaaacaaaag tacctagact acagacgagt 480
 acccaacagc aaccctcctg agtatgagtt tcctctgggg cctccgatcc taccatgaga 540
 ctatcaagan tgaanagtgc tacgattcat tgctgagggt cagangagag accccctgtn 600
 acttggtgact cacagattca tggaggcccc canaannaag ccctnggatg ctttngtatg 660
 ctntntccc cccatngctt ganagcacgg gctgtaggcg annaaccccc cntggggga 720
 attngngaa tgaangnncg tantcttnnn gcccttgtn agccttgga tgancaattn 780
 tattttttaa cctgctgann ngtggggatn aatggaantg gngaattnt gntngaanc 840
 cntggtacca gaattacca ctttaacctt nttggggccc ncnatactnc ccnaanaata 900
 gnctttctcn ccatnatttt cntaaaanc nttttccggg nccccantna ttngtcccct 960
 tgnngnctna cnaaaaccaa nttcccnnc ntc 993

<210> 1443
 <211> 1309
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1309)
 <223> n is a, c, g, or t

<400> 1443
 ncccncagnc aannntttta ntntnnnnnt ttntttnnnn tntnnnnccn ntcnnnnitn 60
 tantnttttt ttacctant ctnttggnnn ngnnnncgnt ntnacctttg annncactgg 120
 nctccccgcg gtggcgggccg ctctagaact agtggatccc ccgggctgca ggaattcggc 180
 acgaggttgt nanttacc aa ttacctgngg tattggagaa gactcttgag agcccccttg 240
 actgcaagga gatccatcca gtccatccta aaggagatca gtccctgggtg ttcattggaa 300
 ggactgatgt tgaagctgaa actccaatac ttgggccacc tgatgcaaag agctgantca 360
 tgtgaaaaga ccctgatgct ggcaaagatt gagggcagga ggatcaaggg gacgacntna 420
 ngatggcntc accgacacaa tggacatggg ttgggtgga ctcccacagt tggatgatgga 480
 catgggaggg ctggcggtgct gtggttcatg gggtcacnaa gagtcggaca agactngagc 540
 gacttgaant ttaactgaac tgnnnntacc tctcctncnn tcttganna tanccncctt 600
 acnctctnct ttctnaaac tggantnttt gaaccttttn ctngccccng ggccattgnc 660
 ttttaaatan tgggtccaat cttnanntgc ccattattag naagngttaa aaaagcanct 720
 ttttcttnat ttntttaaaa antaaaaaaa aannaatttg ggaccatctt nccccntttt 780
 cntncnntnn ncnttctttt ncttccnatg ntagnngnnc cntttnactc cnctatnttc 840
 ctccncnttt tcnnnattnc nnnnantann aaacttactn acnncccgtg tnccntcgcn 900
 nttgtatttc ntccggggnt cnnccnntta ngntctccc ntncccntc atgntantnt 960
 tntnntnaga tntcctatct ctntctatnc ctcgtagtgc tccttcgatt tcaacatngn 1020
 tanaccnct ngatgtntt ctnacctntc gangtctgc tcggnnngct ctncncnct 1080
 attctctcan nntgttnggc actcgacnn anttntach cactcttgna gggttntncn 1140
 tantnagcac gcctnnntat acnnntcacc tacnanntc ctnnccgnga ntntgnannc 1200
 gnannttttt tggttctcac nnnnatatc tctgtcgccn nggagtgtnt taacgactnt 1260
 ctcttgtnct ncgtttgnac gcacnctccg nnangntgcc nacncnccg 1309

<210> 1444
 <211> 1309
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1309)
 <223> n is a, c, g, or t

<400> 1444
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 tantnttttt tttaacctant ctnttggnnn ngnnnnncgnt ntnacctttg annncactgg 120
 nctccccgcg gtggcgggccg ctctagaact agtggatccc ccgggctgca ggaattcggc 180
 acgagggttgt nanttaccaa ttacctgngg tattggagaa gactcttgag agccccttgg 240
 actgcaagga gatccatcca gtccatccta aaggagatca gtctgggtg ttcatctggaa 300
 ggactgatgt tgaagctgaa actccaatac tttggccacc tgatgcaaag agctgantca 360
 tgtgaaaaga ccctgatgct ggcaaagatt gagggcagga ggatcaaggg gacgacntna 420
 ngatggcntc accgacacaa tggacatggg tttgggtgga ctcccacagt tggatgatgga 480
 catgggaggg ctggcggtgct gtggttcatg gggtcacnaa gagtcggaca agactngagc 540
 gacttgaant ttaactgaac tgnnnntacc tctcctncnn tcttganna tanccncctt 600
 acnctctnct ttctnaaac tggantnttt gaaccttttn ctngccccng ggccattgnc 660
 ttttaaatan tgggtccaat cttnanntgc ccattattag naagngttaa aaaagcanct 720
 ttttcttnat ttnttttaaaa antaaaaaaa aannaatttg ggaccatctt nccccntttt 780
 cntncnntnn ncnttctttt ncttccnatg ntagnngnnc cntttnactc cnctatnttc 840
 ctccncnttt tcnnnattnc nnnnantann aaacttactn acnncccggtg tncntcgcn 900
 nttgtatttc ntccggggnt cnnccnntta ngntctctcc ntncccntc atgntantnt 960
 tntnntnaga tntcctatct ctntctatnc ctctgtagtc tccttcgatt tcaacatngn 1020
 tanaccnct ngatgtntt ctnacctntc gangtcctgc tcggnngct ctncncnct 1080
 attctctcan nntgttnggc actcgacann anttctacn cactcttgna gggttntncn 1140
 tanagnacac gcctnnntat acnnntcacc tacnannntc ctnnccgnga ntntgnannc 1200
 gnannttttn tgttctcac nnnnatatc tctgtcgccn nggagtgtnt taacgactnt 1260
 ctcttgtnct ncgtttgnac gcacnctccg nnangntgcc nacncnccg 1309

<210> 1445
 <211> 981
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(981)
 <223> n is a, c, g, or t

<400> 1445
 tnnnnaaaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggan ttcggcacga ggctgnagcc ctccnggatg tntctgagga gttganccgn 120
 canctggatg acatcctcan nacatactgc gtggacaaca gnnanngggg cccaggtnag 180
 gatgtggcan agggngagcc tgctgaaccc gaagatgcan agaagnccng gacctatncc 240
 tcanggantg ggnagcctga gccagatact ccagtagtcn ntgnngagaa ggaannctcc 300
 aaggggggagc cgggcccgtg ctagatcctg taccagnat gaagtttgag accganacca 360
 cccaaagccn cnggatanta agaaanncta nggtgtggga anggaaatta ccttgccac 420
 tttanntncc ncttaaagcc tanagnngtg gcagggaagg nactgnncn nccnntgtg 480
 gtgtggccag gttgcagtnn tnaaaaaccc aagcttactt gggttggtgg caangngggc 540
 cccacttggc cgggnngggg cttttgttct caanttcacc cttncgtgtg tagccttcca 600
 ngncaggctt ganggnngggg tcccanttgt ttccgttgan ccaaattttt ttaaatactt 660
 aaagntgntn ttggtttgnt tttggtttcc naaagcaanc ccaggtttct tggngcctg 720
 ccccnccca cccagggtcc ttgggnccaa aatnaaaaag ggggnctttt ccttgaaatg 780
 aaaggcccnt ttcttttctt cccttggggg cnggttttat tgncccatga acctnnntt 840
 ttttggaacc aaaaacttgg ggnggggttn ttaaaaangg nnnncntttt ccctttaagg 900
 gggaccccc cgggggggga gggnnntttt ttnaaaanaa actttgggtt caagggnntt 960
 tggccccnt tnaaaaactt t 981

<210> 1446
<211> 938
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(938)
<223> n is a, c, g, or t

<400> 1446
ttgaacacag ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atcccccggg 60
ctgcaggctt tgttctggag tatgaggcct cagccccgga ggcccagtga tgccaggggc 120
tcagggtgttc cagggactga gccgcagtgg tccccaaacc ctgcgtgtgc ttgtgacaaa 180
caaaacctgt cggcttccta gcatttactt tctgcttcag aggaaggaaa tgggaatgct 240
aattttttaa agacaactgg attttgagac tttatcttaa aatggaagct gtttctgatt 300
ttcacgagat cccacatatt tcagtggggt catgattgac aattctgtat gggcaccatc 360
cagctcagga catttcttcc cgtaggccaa ctgaattctt tcccctgcac aaaaagggtt 420
tacgctgagc agatgctgtg tcacagttgc gggtatacat ttctgatagc ctctgaattc 480
atcagggtcca tgaaacagga aaaagtagac tatcagtcag aaagcctggc ctgttcccct 540
accttttgca ttaatgggtg gatgtaattt gaaacagtat gcccttgtgt cactcaagtc 600
cagctagtcc aatatccan gttcaatatt tgaacatcag ctgatggaaa aaaatgggct 660
ttggaaatgc tttatgaatc tnttaaatac ccttncattt catcactcaa atttctgaac 720
aggagttggn aaaaangcta annnccccnt cctaaacccc tttttttttc ctaacnggga 780
aaaanaatag caanccccaa gtenttcctt gggaccttgt nncctggttg ggaaagggn 840
ttnggtttnc ccgggcccac ttggggtnng gcccaaaggc cggggnaaac cttgttttna 900
aaataaaccc ggtgggnttg ggggggnaaa aaaaaaat 938

<210> 1447
<211> 970
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(970)
<223> n is a, c, g, or t

<400> 1447
tnnnnnaaaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg 60

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ggctgcaggc tttgttctgg agnatgagga cctcancccc ggaggcccag tgatgccagg 120
ggctcangtg ttccagggac tgagccgcag tggcccccaa accctgcgtg ngcttgtgac 180
aaacaaaacc tgtcggcttc ctagcattta ctttctgctt cagaggaagg aaatgggaat 240
gctaattttt aaaagacaac tggattttga gactttatct taaaatggaa gctgtttctg 300
attttcacga gatccccacat atttcagtgg ggtcatgatt gacaattctg tatgggcacc 360
atccagctca ggacatttct tcccgtaggc caactgaatt ctttcccctg cacaaaaagg 420
ttttacgctg ancagatgct gtgtcacagt tgcggttata catttctgat agcctctgaa 480
ttcatcaggt ccatgaaaca ggaaaaagta gactatcagt cagaaagcct ggccctgttcc 540
cctacctttt gcattaatgg gtggatgtaa tttgaaacag tatgcccttg tgtcactcaa 600
gtccagctag tccaatatcc caggttcaat atttgaacat cagctgatgg aaaaaatggg 660
ctttggaaat gctttatgaa tctcttaa atacccttccat ttcatcactt caaatttctg 720
aaacaggagt tgggaaataa tgctaaattc ccnctttctt aatccccttt ttttttttcc 780
tactnngggaa aaaaanatag tcaaaccccc aagtcnttac cctgggacct tgtancctgg 840
ttngggaaaa ngggcttttg ggttttcccg gggccccaaa tttgggtngg gccccaaang 900
gcnggggnaa acctnttttn aaaaataaaa acccnggggg gttngggggg aaaaaaaaaa 960
aaaaaaaaan 970

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<210> 1448
<211> 915
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(915)
<223> n is a, c, g, or t

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<400> 1448
aaaagctgga gctccccgcg gtggcggccg ctctagaact agtggatccc ccgggctgca 60
ggaattcggc acgaggggac aagttctctc aagctgcaa agtggcagaa ctcgagaagc 120
gcctgacaga gctggaagcc actgtacgct gtgatcagga tgctcagaat cccctttcag 180
caggtctgca gggagcctgc ctcatggata ctgtagagct gttgcaggcg aaggtgggcg 240
ccctggacct tgcagttttg gaccaagtgg aggctcgggtt acagagtgtg ctgggaaaag 300
tgaatgagat tgccaagcat aaagcttctg tagaggatgc agatacacag agcaagggtc 360
accagctgta tgaaaccata cagcgtgga gccccatgc cgctccctt cctgagctgg 420

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tacagagact tgtcaccatc aagcagctgc atgaacaagc catgcagttt ggtcagcttc	480
tgacacactt ggataccacg cagcaaata ga ttgcttggtc cctcaaggac aatgccaccc	540
tcttgactca ngatgcagacg acgatgtgtg aaaacctgtc cacaattgag gggaactttg	600
ccaacattga tgaaaggatg aagaaactgg gaaagtgagc acctttgggt gatggangac	660
aggggtaatt ccttaccctt ttgactncat taatacctta cacagagntt nccnttaat	720
tgnaacttnt tgcattccan ttgaccttg ggggcaaggg ctttnttgca ttggggggct	780
tacnccccct tcntttnaaa antaatggga agcttgggga aanttaaaan gaagggnctn	840
cccctttagg ccncangga ttttaaggacc tgggccc aaa cccaatggcc cagntttctt	900
ggccaataa ntgg	915

<210> 1449
 <211> 977
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(977)
 <223> n is a, c, g, or t

<400> 1449	
aaanctggac tccaccgcgg tggcgccgc tctagaacta gtggatcccc cgggctgcag	60
gccgcgccgc cgctgtctcc aacgccagcg ccgcctctag ctgcgcgagc tccagccgaa	120
ggagaagggg ggtaagtaag gaggtctcta taccatggct cgtacaaagc agactgcccg	180
caaatcgacc ggtggtaag caccgaggaa gcaactcgt acaaaagccg ctgcgaagag	240
tgcgccctct actggagggg tgaagaaacc tcatcggttac aggcctggta ctgtggcact	300
ccgtgaaatt agacgttatc agaagtccac tgaacttctg attcgcaaac ttccttcca	360
gcgtctgggtg cgggaaattg ctgaggactt caaaacagat ctgcgcttcc agagtgcagc	420
tattggtgct ttgcaggagg caagtgaggc ctatctggtt ggcccttttg aagacaccaa	480
cctgtgtgct atccatgcca aacgtgtaac aattatgcca aaagacatcc agctagcacg	540
ccgcatacgt ggagaacgtg ctttaagaatc cactatgatg ggaaacattt cattctttaa	600
aaaaaaaaa aaaaaactcg ngggggggcc cggtncccaa ttcgccctat aggaggnnnn	660
nnnaannnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780

nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960
nnnnnnnnnn nnnnnnn	977

<210> 1450
 <211> 1025
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1025)
 <223> n is a, c, g, or t

<400> 1450	
gccctactgg agctncaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggaaattc ggcacgagga ggannttgnc ntccatnncn tatanncnncn ctcantaaac	120
ttntggnncna tttaangaaa gtntttgtgg tntcttcccc ataaaggaat ttacacaacc	180
ncccnnggcct gtgccngtgg atcataaaaa aagtgcccnt tnnccnntng aangtantta	240
aaaaaaccaa aggggggggaa aaaacnnncn aaggccnaaa gccttnnatt gggggccacc	300
cgccnnggtg gcnaaaatcc cctntggccg gggcntttnt gggccnctta cggngcntaa	360
aaaagncccg aatntggnc cctggtnaag gtttgnatta ngntnttgga acccttnccc	420
tgnaananac ncggttatcc nggccccgc ntgnnattgg antcngtgcc tcccatcctg	480
ggaagggggg tgtttcattt accattccnt ccnggcctta tttgagggaa angccccng	540
gnaaaatgnt ttncnatntt aaacacattt ttttataagg gccccgcgcat tcnnagaggg	600
tttttaaagg ggantancctt gnttttgccc tgnngtgggn nttggncntt actaaaaagc	660
ttccaagggc cccctttttt tgaccccccc tttttcttt tgggcnanaa ngnncaaaaan	720
agccttttaa aaaaccnngg ggaagggggg ggaaccnntn gnnttttggg ggggtnttaa	780
attgncccn ccccnccca agnggtggt ngggggnntt gccnnnnacc ggncccccn	840
cnntttaaaa annnannaag gggggcctt ttgggggncc naaaantnnn nancnttttt	900
ttttnccccc ttttttngn ntnannttn gggggggggn ncccccccg ggggggggnc	960
nnnaaaannn nnnnnnnnn naaaaaanng nnnncnnna aaaaaaaan nnnnnnnnn	1020
nnnct	1025

<210> 1451
 <211> 987
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(987)
 <223> n is a, c, g, or t

<400> 1451
 gccctatann gagnngtatt acagtggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggaattc ggcacgagga ttgcagcaaa tcatgaaagg taacttcagt gcattnatgc 120
 aaaaggagat atttgaacag ccagaatccg ttttcaatac catgagaggt cgagtgaatt 180
 ttgagaccaa cacagtgctc ctgggtggct tgaaagacca cttgaaggag atcagacgat 240
 gccgacggct cattgtgatt ggctgtggga ccagctacca cgccgctgng gccacgcggc 300
 aagttttgga ngaactgacc gagctccccg tgatggttga acttgctagt gattttctgg 360
 acaggaacac acctgtgttc agggatgacg tttgcttttt cataagccag tcaggggaga 420
 ctgcagacac cctcctggca ctgcgctact gcaaggaccg ccnagctctg accgtgggcg 480
 tcaccaacac cgtgggcagc tccatctccc gcgagacgga ctgcggcgtc cacatcaacg 540
 cagggccgga gatcgggtgtg gccagcacca angcttacac cagtgcagtt catctccttg 600
 gngatgtttg gtttgatgat gtcttgaaga ccgcatttca ctgccnaaca gaaanggcga 660
 gaagatcaat ncattggccc tggaattctt ctaccccnag tcttattcna angaagggtgc 720
 ctntcccntt ggtattgaag aanattccan cnaancntgg ncccttggtg ncntntncac 780
 caccaaaagg ttcanctttt ttggtccatt gggggcgnaa ggctnacaan ntatnccac 840
 atcggccttg naaaaggaag cccccttgaa aaatttaatn gaaaatnnnc cctatttgcc 900
 ctttaaaaaan ggcattcctn ggnttngnan aaanttaaaa cnnccgggcc cccttgnncc 960
 ttnnttttnna tnaagcccan agccttc 987

<210> 1452
<211> 961
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(961)
<223> n is a, c, g, or t

<400> 1452
aaaactggag ctccccgcgg tggcgggccgc tctagaacta gtggatcccc cgggctgcag 60
ganttcggca cgaggttggc aattaccaat tacctgtggt attgggagaa agactctttg 120
aagaagccct tggantggaa gggaaatcct tcnatccntt ctaaangnaa nnaanccnng 180
gtggtcnttg gaangncngn ngntnaanct naaacnncna tactttggcc ncctnnngcn 240
aaaancnnac tnatnggaaa agaccctnnt gcnnngnaan antgagggcc gganganan 300
gggaccaccg aagatggcnt nccnacacca tggncctngg tttgggtgga cntcccaa 360
tggtgaatga cacaggagag cctggcgtgc tctggngcat gtgggtcaca caagagacca 420
cacaacatga gcgantgagc tgnngctnngc tngngattacc tctctttcac tgtganatac 480
cccttacntc tctttctcna ctganattga actnttttgn ncacgtnatg tgtaatatg 540
ggncatctta nngccntata tagggnnnag actttnttat tttataatat aaaaaattgg 600
gcatttttaga aaaaaaaaaa aaaaaaacnt ccggggggggg ggccgcccc caatntnccc 660
tcttttngng ggnnntttat nnnnnnnnnn nnnnnnnnnn nnctnnntnn nnnnnnttn 720
nnccnnnnnn nnnnnnnntt tnnncnnnnn nnnnnnnnnn nnnnnnttn nnnnnnnnn 780
nnnnnnnnnc nnnnnnnnnn nnnncnnncn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnttnnnnn nnnnnnnnnn nnnnnnnnn 900
nnnnnnnnnn nntnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntnnnc 960
t 961

<210> 1453
 <211> 961
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(961)
 <223> n is a, c, g, or t

<400> 1453
 aaaactggag ctccccgcgg tggcggccgc tctagaacta gtggatcccc cgggctgcag 60
 ganttcggca cgaggttggc aattaccaat tacctgtggt attgggagaa agactctttg 120
 aagaagccct tggantggaa gggaaatcct tcnatccntt ctaaangnaa nnaanccnng 180
 gtggtcnttg gaangncngn ngntnaanct naaacnncna tactttggcc ncctnnngcn 240
 aaaancnnac tnatgngaaa agaccctnnt gcnnngcnaan antgagggcc gganganan 300
 gggaccaccg aagatggcnt nccnacacca tggncctngg tttgggtgga cntcccaa 360
 tggatgaatga cacaggagag cctggcgtgc tctgngcat gtgggtcaca caagagacca 420
 cacaacatga gcgantgagc tgnngctnngc tngngattacc tctctttcac tgtganatac 480
 cccttacntc tctttctcna ctganattga actnttttgn ncacgtnatg tggttaatatg 540
 ggncatctta nngccntata tagggnnnag actttnttat tttataatat aaaaaattgg 600
 gcatttttaga aaaaaaaaaa aaaaaaacnt ccgggggggg ggccgcccc caatntnccc 660
 tcttttngng ggnnttttat nnnnnnnnnn nnnnnnnnnn nctnnntnn nnnnnnttn 720
 nncnnnnnnn nnnnnnnntt tnnncnnnnn nnnnnnnnnn nnnnnntnn nnnnnnnnn 780
 nnnnnnnnnc nnnnnnnnnn nnnnnnnnnc nnnnnnnnnn nnnnnnnnnn nnnnnnnnn 840
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnttnnnnn nnnnnnnnnn nnnnnnnnn 900
 nnnnnnnnnn nntnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn nnttnnnnc 960
 t 961

<210> 1454
<211> 937
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(937)
<223> n is a, c, g, or t

<400> 1454
naaaagctgg agctccaccg cggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
caggaattcg gcacgaggct ggagccctcc gtgatgtctc tgaggagttg agccgccagc 120
tggaagacat cctcagtaca tactgcgtgg acaacagtca agggggccca ggtgaggatg 180
tggcacaggg tgagcctgct gaacccgaag atgcagagaa gtcccggacc tatgcctcaa 240
ggaatgggga gcctgagcca gagactccag tagtcaatgg tgagaaggaa atctccaagg 300
gggagccggg cccggacgag atccggacca gtgatgaagt cgtagaccga gaccaccgaa 360
ggccacagga naagaaaaaa gccaaagggc tgggaaagga natcacctgc cccactttaa 420
ctacctntta aagcctatag tggttggcan ggaaggggac ttgccaaanc ccagtttggn 480
ggggcaggtt acagtcttca aaanccaagt ttacttgntn gtgaagcaag ggggccccac 540
ttggccaggg tagaactttt gttttaantt aaccgtccgt ttgtancctt ccaggccagg 600
ttgagggggg gtcccattgc ttccttgacc aaatntttta aatacttaca gtggnnttgg 660
tgggtntgnt ttccaaagca ancccagggt ctnggtgctg nccccnccan ccagggnctt 720
ggnccaaaaa aaaaggggnc ctttcctgaa tgaaggccan ttcntttctt cntggggcag 780
ggtttnttgn cccttgaacc taattttttg gacccaaaaa ctngggtggg gttttttaaa 840
aaggtaacnt tttcctttan gggaaccccc cgggggggaa ggctttnttt gaaaanaaac 900
tttgggttna ggggttttgg ccccntttaa aaacttt 937

<210> 1455
<211> 944
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(944)
<223> n is a, c, g, or t

<400> 1455
ttnaacaaaa ctggactcca ccgcggtggc ggccgctcta gaactagtgg atccccggg 60

ctgcagggtc cctcccccc ttgcccctcc agagactgat gctggagcgt gagttgattt	120
tcttggtcgc atctgtcctt tctgagctct agtcatagca ctttgcagag catcctgggc	180
accctggtgg tgcagctgca gcctgcggcg gtccttagcc ccagggtcctt tgtttcacaa	240
aaccctctgg tactgttgtg gttttgtatt cttccagtgt tctctctctc tgtctctcct	300
aactattcaa aagtatcttt gctcttttgc cctttccttt gaccttctgt tctaatacctg	360
ctttggaatt agccggtgtg gggagaggta caccatgtcg ganagaanaa agagtgcctg	420
ttactggaag tgtttcctat tcacgtttat tttgctcagt tctttttatt tatgcccttg	480
gggccaggt acttgggcag ccagctaacc tcctggctag ngaaggagac caggcncaaa	540
gtgaacacca aggaaaggtc gngtgttnt anaactccag caganaccaa gccctgctgc	600
aaatttgcaa ggccanacca aagggccaca cagttgctca taagngtaaa tattttgnnc	660
agngaataaa tgaatggttt aaaaggaaaa aaaaaaaaaa aaaaaacctn nggggggggc	720
ccgggncca aattcncct taaanggggn nnnnnaaaan nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnc	944

<210> 1456
 <211> 1064
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1064)
 <223> n is a, c, g, or t

<400> 1456	
ttgaaaacaa tctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcaggn ntnaacctcn agnanttnag cgctccngcc ccaggctant caacacagcn	120
ngggctctctc ctctgctgn ngntctctgc cctccacatc ctcatctctt atcctgcttt	180
ncggggccac tttggacaag tcctggtgga ctctccccgg naagganncc ctgaatctct	240
ggtacgactg cacanggaat agtgacaaca aancgtgggc ctgnanaaac gtcaganaaa	300
acggcttggn tgaagggnagt ncaagatcct catggngctt tccctcatnc tntgntgcnt	360
gtccttcacg ctgttnatgt tccanctct acaccatgct ggcgaggagg gcctattnta	420
tnccactggc ttnttgccan natngcncc anccntggca gtgtttaccg ggngcnctnn	480

tntaccccat	ttcatgcccg	aaanaaaatt	nctggcnnnn	cccgcccgta	gggggggcaa	540
ncntntgggt	aantggcttc	ccnccntggc	ccttggggng	gncccttnnn	cccnttngcc	600
cctggccnag	cnggnaatta	atctaannnt	cccactnnc	cgnaaaaccg	ggnaatttna	660
ggggntnccc	cctccccctt	ggnttttccc	aanacnnaat	ttcnncgccc	cctatnctc	720
ntnancccn	gaaaancccc	caancccttt	tnttcctttt	tttnaathtt	naaantanaa	780
aaatanaatt	tgtnnnnccc	ccccggaaaa	aaaaaanaaa	aaaaaanntt	tnnggggggg	840
cnccccnccn	ccctttntcc	ccttttntgg	gggggcgtcn	ttaaanaacn	ttncncnngn	900
nntgcncggc	caactcnca	atttnattta	ttttatcctn	caaactctta	nacctctncc	960
tatcatcccn	ctgtcatcnc	tnanncnntc	ntnccgctct	ntcnntnntn	ncanntanta	1020
nacattactt	nntgttattt	cnntttantc	nacntnntc	nncg		1064

<210> 1457
 <211> 929
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(929)
 <223> n is a, c, g, or t

<400> 1457	
tnnnacaaaa	gctggagctc
cccgcggtgg	cggccgctct
agaactagt	gatcccccg
gctgcaggaa	ttcggcacga
ggcttcggta	gcgaccgcct
ctctacgcgg	gtgtgagctt
cgccagcccc	tccccagga
gaccgttgca	gtcggccagc
ccctgctcct	tggttaaccat
gtgtgaccga	aaggccgtaa
tcaagaatgc	cgatatgtcg
gaggagatgc	aacaggactc
ggtggagtgt	gctactcagg
cattggaaaa	gtataatata
gagaaggaca	ttgcggccca
tatcaagaag	gagtttgaca
agaagtacaa	ccccacctgg
cactgcatcg	tggggaggaa
cttcggtagt	tatgtgacac
atgaaaccaa	acacttcac
tacttctacc	tgggccaagt
ggccattctc	ctgttcaa
atctgttaaaa	gcattggactg
tgccacacac	ccagtgatcc
atccaaaaac	aaggactgca
gcctaaattc	caaataccag
agactgaagt	cttcagcctt
gcctaaggga	acatctnca
ctttgaacct	ttgntgngtt
ttgtacaggg	cattctctgt
actagtttgn	gggtataaag
caattagtaa	aacagcttac
atttggtatt	attttctatt
ccataacctt	tntgncccat
tgttttttct	nttcaaaatc
cattccttta	aaaaaataaa
	720

tttggttgga agtgggcggtt naaaaaaaaa aaaaaaaaaa aatttggggg ggggggncgcc	780
ggncccaat tnncccttna nngngnnnnn ttntaaaann nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnn	929

<210> 1458
 <211> 983
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(983)
 <223> n is a, c, g, or t

<400> 1458	
aaaagctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc	60
aggaattcgg cagcaggcta gattggcctt tngacgatgg agcgccaccc cctaancna	120
ttgnatatga tnggctannc ctactaaaan ccannttncg tgaanaaccn gggtgctgtg	180
ntgnagtgcn ttgngtngca ngattggnaa gggcncctgt gctacttgcn cttgctttga	240
ttgaatgtgg aatgaagtac gaggatgcag ttnagtttat aagacnnaag anaangggag	300
cnttcnnttn canacnctg ntttacctgg anaaataccg acctatgatg cnattnctct	360
tcanagatac cancgggcat tgctgngtnc aggtaaaatg aagtgtatac gaaggctgac	420
ttgattgtag catttacagg gaactcttgg tacctggaaa tgngaactctg gaatcttanc	480
tgtntcatna aagtantgat ggattcngta ctccctcancc actctnctaa tgattgtaaa	540
aaagcaaaca cnantccctn tataacgnga atnaaatgtn taagaaanga nnatgagaan	600
gattataggg gattaattna ctganagatg attnttgctt ctagngcngg agtttgaatt	660
tctgncagga ttgaatttat ttcaaaanct gctgtctttt ttaactttct caaaataggt	720
ntctaangaa anccancaga acatgatcct ttcaaaagcc tctgtttggg gagcacactt	780
tccttntgct nggcncataa aattncctg cggggggaat tttttnttt tttnnggaaa	840
ccgntttttt nnnnnnnana acntttttaa ncccctngan ccctnttntn aaccttggn	900
ccntttggna aanaatnaag gtttttngng nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960
nnnggggggg ggncnnnccc ccn	983

<210> 1459
 <211> 986
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(986)
 <223> n is a, c, g, or t

```

<400> 1459
gcctatntgg agctncatcn cngtggcggc cgctctagaa ctaagtggat cccccgggct      60
gcaggaaatt cggcacgagg tttcttggtc catcaaccta gcctctaagt ggtgtgagcg      120
gcctgagtgg gtgcacttgg acagccggcc ttttgccctc ctgagccgtg actcaggggc      180
cgccctgggtc tgggcatcgc tctgcaactc ccttgctatg ccaggtacg gcgggcacac      240
ctgggatatg gccagaaact agtctgtctt gtgctggcca tggggctgct gggccccctg      300
aactggctgg gctaccccc tcagatcagc cttttctaca ttttcaattt cctcaagtac      360
acctctggc catgcctggc cctggccctc gtaccctggc tgggtgcacat gttcagtgcc      420
caggaagcac caccatccg ctcttctgac tctggtgcct nctgcaccca cctnccctna      480
caaagcccat gctctgtgac ctccaccctt gggaggcaag ntccgtccac ttccagcccc      540
caacaaccct gctcatgttg aattttctac ttctnccacc acctggtcac aagccccaaa      600
gaggggcctt ttctcttcca ggaaggncct tctggctttc cttccaaatc cccaaagaac      660
caacgcacnc tncagaacaa cggattttctg taacactggg aangggctcg gaacaaaccc      720
caataaagcc ctttcacacc cncnccnaaa aaaaaaaaaa aaaacaaaan nccccccggg      780
gggggggngg nananaaatt nccccctaaa annanngnnc cctnaaannc cttttttttt      840
nnnnncccc ccccccccc cccncccc nngnnnnnnn nnnnnntnn nnnnnnnnn      900
tttctttnt agtnnnnnnn nnnnnnnnnn nnnncncnn ccccannnn nnannnnnn      960
nnnnnnnnnn nnnnannccc ctttnt                                     986
  
```

<210> 1460
 <211> 968
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(968)
 <223> n is a, c, g, or t

```

<400> 1460
ncnnnatctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct      60
gcaggaattc ggcacgaggn cccacctgna cntgnaggcc anncaactcna anacctcan      120
gnacntnnag ncnggcncat acncccggtg nntnntngtn aaaatnntcc tcatnctgat      180
tgcnnncttn atnatctttg agnactncct tgcctgaacc ctnnnnactc tngangcaatn      240
cgtggggggtg nggaancntn annngnagagc nggnnnccat anctgcnncn gancctganc      300
ngggggntcc gngagaangg ccccntttcc ttgtactgc taatacatga ccnctgncct      360
ctgtccncca ctcttgcct ctggccaccc atccctcacc tgaccaccct acngcccatg      420
aaacncacnc ggannnnngat tnnacnctg ntntnaagtg gtttnaangg atcanaagcc      480
aactgatggn ctnnnnnggn anantgtctn tacctngaga tntttataaa ccctcccnaa      540
cctgtcncag acgggaactt tggctacana gnggagatga tgcctttccc cacattnttg      600
anatnaatga tanganggga aacngcccac atgnaccaa tnttcccatc nnggttagaa      660
tnnganacta ttattcctct ctttaccac atgaggcacc gganccctg agccctnng      720
gagggactgc acaancccca naattngggc tggcaaatg aacttttaat tcnggacgaa      780
acgtgccngt cccccctgtt tttgttcca agttacgggc cttgactggn caggccttcn      840
atttctggg ncatggnaaa aaaatttncc cctttggggg gggggnccn gaancccaa      900
naaacgccc tataaaaaacn nnnnnnnnnn tttaagnngn nnnntnncc ctgggtttgn      960
tnttnccc
  
```

<210> 1461
 <211> 1027
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1027)
 <223> n is a, c, g, or t

```

<400> 1461
gccnatangg agncgnatna cagtggcggc cgctctagaa ctagtggatc ccccgggctg      60
caggnanaaa ttgnaaangc tgntgagctc taacagcaca gacctnccac tgancatcgn      120
gtgcttcatg aatgacaaag aacgttcttg gaaagannan cagggcccan ttggaaaanc      180
ttnggnctgn ctanntgaan anaataaaan tncccnttnn tttgtggang gaccaannnc      240
acttnaanna aaaggangnn angntngnca aaanactnga ngncnnncc naantcccac      300
ccgnaaaгаа аааааnсncc ааttсtttgг ааааgааnnс сnnnccaccc nnnannccaa      360
anaagcсntg gcccaagggt gngcccctnc nttgсnatcc ntttccccac atttaaaggт      420
ataganaaatt ttgtсactgn tgcncatttc ttttccanta tсtntggnnn nnggancccg      480
atttсaааа atncnctana ngggttccat gagaatgtgn ntatatanaa ncccacctgt      540
gccttttttc cacaaaattt tctcgcttct cntaaaanng gggccctttt tgnгctcggn      600
nnсctnttta ttncттgtcc ntcaaggagg ttncnсhatt ntncgantсn сnaaataatg      660
nnccccctсtn tantttanaa aanatgtttc ccccccaag gnnggnggga acnanntсtn      720
cctcgnggna ganctctaaa gnagctgacg gnggattccc ccnggnggtt ntntttсcnt      780
ctttntntta сnnгtnatс ggnnggggga anaatacccc ccngccccga nnaаааасg      840
tgggttttct ttnttttncc ctсcnttggt cntttntgta аaatnattсn ggссgсссnt      900
сааnааatnt ccctgcgggg tcataaaatt ttcатncnn tannncaca angaatncat      960
gtttcccnnc ccnccccgtt сgnaaacca gattggtntt tataancnt ccgnгnnсgt      1020
gcccccg                                           1027
  
```

<210> 1462
 <211> 1027
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1027)
 <223> n is a, c, g, or t

<400> 1462
 gccnatangg agnognatna cagtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggnaaaaa ttgnaangc tgntgagctc taacagcaca gacctnccac tgancatcgn 120
 gtgcttcatg aatgacaaag aacgttcttg gaaagannan caggggccan ttggaaaanc 180
 ttnggnctgn ctanntgaan anaataaaan tccccnttnn tttgtggang gaccaannnc 240
 acttnaanna aaaggangnn angntngnca aaanactnga ngncnnncc naantccac 300
 ccgnaaagaa aaaaancncc aattcttttg aaaagaannc cnnccaccc nnnannccaa 360
 anaagccttg gcccaaggt gngcccctnc nttgcnatcc ntttccccac atttaaaggt 420
 ataganaatt ttgtcactgn tgcncatttc tttccanta tctntggnnn nnggancccg 480
 atttcaacaa atncnctana ngggttccat gagaatgtgn ntatatanaa ncccacctgt 540
 gccttttttc cacaaaattt tctcgcttct cntaaaanng gggccctttt tngctcggg 600
 nncctnttta ttncctgtcc ntcaaggagg ttncncnatt ntncgantcn cnaaataatg 660
 nccccctctn tantttanaa aanatgtttc ccccccaag gnnngnggga acnanntctn 720
 cctcgnggna ganctctaaa gnagctgacg gnggattccc ccnggnggt ntntttcct 780
 cttttnntta cnngtntatc ggnggggga anaatacccc ccngcccga nnaacaaacg 840
 tgggttttct ttnttttncc ctccnttggc cntttntgta aaatnattcn ggccgccct 900
 caanaaatnt ccctgcgggg tcataaaatt ttcactncnn tannncaca angaatncat 960
 gtttcccnnc ccncccggt cgnaaaccca gattggtntt tataancct ccgngnncgt 1020
 gcccccg 1027

<210> 1463
 <211> 980
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(980)
 <223> n is a, c, g, or t

```

<400> 1463
aaaaagctgg agctccaccg cggtggcggc cgctctagaa ctagtggatc ccccgggctg      60
caggaattcg gcacgaggcc cgtcccagct ccagctggtg accagaagga tgtggatgct      120
tcagaaaaga aggtcccaga acagaccctt gagcctcccc agctggattc acagcacctg      180
tgatcattcc aggaccccaa cactcagggt tcctcccaag gctgatggga ggggggtgga      240
gtgtcacaat caacctctc tggggacccg gccacacttg tggcctctg tgggaggggg      300
aacaggctgg ctgtttcctt ctcatactgc tgcccaggcc ctgtatctgc cacctcagtc      360
tccacagcct tccagtctgn ggtcccctct ttctgggtccc ctccaaggga cttgccttnt      420
cgtatccagt tgaatgctca ctggccttaa ctttcattga nggaagcccc cttntttcaa      480
ggaaggggtct gtcacacct gcctttntaa gttggtttgg ccttgacncc aagggtgggg      540
ccattcaaga ttccggattc ccacaagttg gtgaaatcct gcctggtggt tttgggcca      600
actttccggtt ggtctggnng ggctttaang ggccccttaa acaccttttt tttaaatttt      660
ggggggactg ggcnatgccc tnaaanaaag nggcttnccc cccaagntgg ggtggnaagg      720
gccaaaaaaa aanccttttg atngttnaa anaanttttg anncccagga ancccttgac      780
ttttcctgga cccctnggnt ttcaaaccat tttnaanccc cctttccctg aagggaagg      840
gttcctaaac cccttttntt tccaaattcc caaaaangga anaaaanaaa ttgncccc      900
cccggangga ataagggtn cccaccccct taaacnttt tnggggtttt nannnnnnaa      960
anggnntccc tttttttnt

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<210> 1464
 <211> 958
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(958)
 <223> n is a, c, g, or t.

<400> 1464
 ttnaacacag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa ttcggcacga ggagtancag gaggtaaatac aaaggatttt atgatccacc 120
 aagaagattg ctgggccagc gaccaggacc atatgataga ccaataggag gaagaggggg 180
 ttattatgga gctgggcgtg gaagtatgta tgacagaatg cgacgaggag gtgatggata 240
 tgatggtggt atgtgtatct aatgaacaaa ggttctgttg tcattttctt aatgttcctg 300
 acactttgtc aagaaatata gaaatggcag taatttcagt acctactagg tttaataaat 360
 ctgttcatac aaatgtggat tcccatgggc agctatggga cttgattgat gcatgtattg 420
 gcacctagtt tacctacaca aaaattttta agagattgcc atgttttgac cttttctgtt 480
 tggcatcagg ataaaaattt ttatgtctaa atgtgtgctt ttcatacaag tgtaactgc 540
 ttttttaata tacactaaaa tggggtgttg gaaaacttgg ttggaggggt tgcaaacttg 600
 taacaatata agttaacat agtgcttgnc anaagatata tttttataaa ctagataata 660
 aaagtatatc cttgaaagct tattcatgna tttctcctta aattacacag gttatggagg 720
 ttttgatgac tatggnnggt ataataatta ttggcttttg gaaaangatg gcttttggat 780
 gacccaaatg gaaaaatggg aaaangtttg ggaaggacct tggtttttgg ggggaacttg 840
 ggggaatcca aagtttcngg gtttttcatg gggggggcan ttttgnacca taagaaaaag 900
 gactggnct ttttcnggcc actggnaaaa ggaaattggg naaantttct ttttcncc 958

<210> 1465
 <211> 966
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(966)
 <223> n is a, c, g, or t

<400> 1465
 nacagctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60

aggaattcgg cacgaggagt agcaggagtg aaatcaaagg attttatgat ccaccaagaa	120
gattgctggg ccagcgacca ggaccatatg atagaccaat aggaggaaga gggggttatt	180
atggagctgg gcgtggaagt atgtatgaca gaatgcgacg aggaggtgat ggatatgatg	240
gtggtatgtg tatctaataga acaaagggttc tgttgtcatt ttcttaatgt tcctgacact	300
ttgtcaagaa atacagaaat ggcagtaatt tcagtaccta ctaggtttaa taaatctgtt	360
catacaaatg tggattccca tgggcagcta tgggacttga ttgatgcatg tattggcacc	420
tagtttacct acacaaaaat ttttaagaga ttgccatgtt ttgacctttt ctgtttggca	480
tcaggataaa aatttttatg tctaaatgtg tgcttttcat acaagtgtta actgcttttt	540
taatatacac taaaatgggt ggttgaaaac ttggttgag ggggtgcaa cttgtaacaa	600
tataagttaa ccatagtgtc tgtcaaaaaga tccattttta taaactagat aataaaagtt	660
tattnttttg aaagccttat tcatggantt tctcccttaa aataacncag gtttatgngg	720
gntttgaaga cctatggggg gctataaaaa attatgggtt tgggaaanga agggntttga	780
tgaccncaa tgganaaaat gggaaaaggt ttgggaagga ccatggggtt ttgggggaac	840
ctggggnaat caaanttcng gttttttaat ggggggccat tttggnccat aaagaaaagg	900
gactggccnt tttngggccc cctgggaaaa aggaaattgg gtaaatttnt ttntccnccc	960
cttaaa	966

<210> 1466
 <211> 950
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(950)
 <223> n is a, c, g, or t

<400> 1466	
ttnnnaaaac tggagctccc cgcggtggcg gccgctctag aactagtgga tccccgggc	60
tgcaggaatt cggcacgagg cccattcct gtggcccagg ggcccagctt ccagttcggc	120
agtgtcagaa gtgacttgtg gctctgcctt ggttgtgaga tgagtacatt ccaaaggagc	180
agccacgggg agggggcagg ctacgcgatc ccttgagggc tcagagcagc tggcctgagc	240
tccagctcgc gtccaacgga agctcgcgcc cctcagaaac gaccctggcc aatgtcaccg	300
cagagccgag gcggtgttgt cagggttaat gtgaaatctc ttcccgtagc gccgatcctc	360
cggctctgca gcgccagctc ggacagattg aggtctctgt ggctttggtg accctgctta	420

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agcattccca ccggtgtccca gctctgctct ctgcctgcct cccactgcag cccccccctc 480
acctggcttg gggagggggg cagtgtccca aggctagggg cttttgctca agaaaagatg 540
tcaggctttc tggggtcgtc aggctttgag ctctaccggg gtccaactga cctgggatac 600
caggtgtgcc cagaanatgc acctcatncc gtgccttnag gaanggctaa ggaacaattt 660
tggttaattgg attaaacttta cctcagttaa ctcccnttgg gaaaacctaa cccanttttt 720
aactttcttg cctaaaaatg antgtattgn ntanggaaaa ntgaancitt taattgcttc 780
ccaaaaaggg gccttggttt tcttctggan ttaaaatttt tttttntaag gggaannann 840
nnnnnnnnnn nnnncnctcn ngggncccn gnnngggggc nggggggncc caaaaagggn 900
ccccangggg cccccaaaaa gngttttttn nngggngaaa aanggggaaa 950

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<210> 1467
<211> 1624
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(1624)
<223> n is a, c, g, or t

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<400> 1467
nncgngcngc gattnagcgt gnnntgnnt ntntnnnccn nnnctcncnc cctcttctcc 60
tnaccgcgca catgcacntc cccccccang gggngnnaag agaatatggn ccnntntntt 120
ggagnncaac tggagctnca cgcnnagaggc aggccgctnt aaaactagtn tatnccannn 180
ntcctgctgn tatctcaatc cncnttgaat tttntncnn cttegcacan ntgannttct 240
ttcannnnng gncnnnttt nngtncnata attnttnant tctcnntttg nnntgnctng 300
tnntngctcg tggaccatng naatcctgnt natngtnnt acaattntc ntcttngggg 360
tnatatcttn nagcagatcg tttncaanan anctnancna cgngacnntn tctatcncna 420
nantngnntn nantnnctag ccgngcgana ttnnatcang ntngcnnnn nangtggnn 480
nantntntnt ncnnnngtn tnagcttntn tnnogntann gcactttnac ntgntcattt 540
tgtanaactn nnnnnnncnn ntctnttacg annatcanca ntannncgan tncnnttnnn 600
anntnnnnn annncnntc taanntnnnc tnnntnccgc tttngattn ggnctagntn 660
tcnnnnncanc aaanttangt nangtctngc nnnantaatt ntccnanaga cacntnttng 720
atctttttcg tnatgctatn tgcganntta nctctntan ncnntctnn tanncgngga 780

```


tttgcnggcn gnnnnnacng caatcttttn nttnannntn ngtnantnnn tactgtntnn	840
tatcatnccn nncnatnttn natnantgag gtgncgntan gtaantngcg ggntttatcn	900
tcgnnttnna nntngtnntg nacngnnnnn cngattntan ggttnttttg tnnnnncngn	960
nanncnnnna ntantntcn annnnnntnt tcnnecatgn acgncgntnn accntatagn	1020
taattttann tnnnttaggn cgnggggnnnn ataananttn ntagtnannc nttncagttn	1080
ntancngncn ancggnatga agtnnatcan atnctntnta annagtgcaa ncanncnnnn	1140
ggannnagcn nagntntatn ctcnagnnna nngnancanc ncntcagtnt aannagatgn	1200
ancagctgtg agntgaggcn gngcgtngg tacagagntn tntgtataga ancncancnt	1260
gtatgnagtc tgagannatc nnanatgnng nncntgtntc tcnntattna gactagantn	1320
nnactntctg agangacatc tatgntngan nnananana acncganana natncgagat	1380
nngatatgac gnttntntnt nccnacnnat gtatntatnc ngnttctcan angagatgac	1440
ncacnacnt nctcatact tntctntnccg tncnnntgtc tannntatgt gaagtataca	1500
ctaacgtcnt acatgtnana tgatntacna gcnnnggan nnantgacna gtgtgacnag	1560
acnacncntn actagngtcg atagncnana tnnngnnata nnntcgtnt cgcgtatnag	1620
cgcg	1624

<210> 1468
 <211> 1589
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1589)
 <223> n is a, c, g, or t

<400> 1468	
ccgccncnc ctentngann tnnttnnngt nntngnngtn nnntannnnn nntntnnnn	60
nncctctcat cncctntggn ngncggnggc tcngnngntn tnnntncnnn ncngggggng	120
gtnnangtgt ntngttnnnn nnnnttnna gccnatagt ggaagtcgta tnncnagnng	180
cagtncctc tnaanctagn gggatcccc ggactgnctn gantntnccg ccncaggnc	240
tctnnntccc tncctcctt anntcttttg tntnnntgg gcnnncnnn nctctnttn	300
tntnccncc tacngccnan ncnctcccc cennntccc nnncatnccc cgcncnnnc	360
ctcnnttctc tctccnccc nancnccct cncnnnnct ctcgacnct ngtnncnctn	420
gtgntcagan ncntgtcccn ntccccnnc tccagnctc ttcnnnnntc nagntcnccc	480

gntctcnnnt tcnagtcnc tngacnnttg tnnacncnc nctngtcnn ctcccnntta	540
gacncngcn cctntcgt cncncngnn tnttcnnnt actttccnc tccnnncacn	600
cngtntccg cntctnncc cctcctct anagnncnc ctgntcctnn atncnntnc	660
tnctatncc tnnactcnn ntntccnca ggnntgtg cccgtgncgc cncnccnc	720
tcanntctnt cncncntca cngctnct cccnacnga gccctcctng ttntgnncn	780
cnagnncggn ttcncngac gncctntcc cncatttnc naccngtnc ctcggnacnc	840
cncactccc gcgcntncc tcnacnncn cngnancca ctntatncc tncgactcc	900
acngcttnt gtcgnntga ccccccctnc acgntcctn tagncccct cttgnntnc	960
ngatccnncn nngtccnga tgncttcng tccccgttn ngactnccgg agnttagnc	1020
ntntttgtg cctacnnttc ccttgatcnc ccgctnnngc cncngngtc cctcgancn	1080
cacntggan gncngcnnt ntgncggcn ccgctcaga ccgtnnctga anntntnctc	1140
tncttnanc gacnatcac accacngnn cnnttcncgn cagcctcgn cntnacctn	1200
cncnctac cgtagctccc ntagctcnc ntacctntgt tnatnnacca canacgntgc	1260
tnccagtat cncncncgt agtnccnacg cnnntntccc agctctgtna gggctctgc	1320
gtatcagctc ccgctggtcg gnactcccn atntctctct ctnctntnn ccgccacta	1380
aangagntac naatngatta cnnatntca cgttactanc tcgngcacg ngcngcccta	1440
tgctcngna nccctctac naatggangt ancctncncn aaggnatctt tcgnatggan	1500
cnaccgnacc ntngtaccg cgccttaggn tggcgctcac ncttgntann tncgnntctt	1560
cgctcttnc nnnntctcg cncnncnc	1589

<210> 1469
 <211> 1064
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1064)
 <223> n is a, c, g, or t

<400> 1469	
gccctatann gagngtatt acagnggcgg ccgctctaga actagtggat ccccgggct	60
gcaggcggtc gacagatagc cgtaacttct gtgctgtgcc agccgcatcc ctgagacaag	120
atggtgaagg tcggagtga cggattcggc cgcacgggc gcctggtcac cagggctgct	180

tttaattctg gcaaagtgga catcgtcgcc atcaatgacc ccttnattga ccttcactac	240
atggtctaca tgttccagta tgaatccacc cacggnaaagt tnaacggcac agtcaaggca	300
tanaacggnagctcgtnat naatggaaag gccancanca tnttccagga gcganancct	360
gtcaacatcn annngggtna tgnntagagc tnaaactnnt ggcggaatnt tactngggan	420
ttaaactaca catgtganaa ngngttingga ctacttngaa aagtgtgccc naaanaangg	480
tgnatnaatc tcagcnnaact tttttgttcg aagcccccca tgnnttttgn attgngctnt	540
anaantcact nanaaaagttt atacanacnt cccttnanaa tnngtcncgn taatgttntn	600
ntgtgnnaaa ctnaaactgt nttntcccc ccctcnntca annntncata tcanntanaa	660
actttntgcn tnttgggang ggacatnatn nacacattng ggcatancca ttntacttgt	720
caccgccanna aacatangtn ggttnanncc tcntcnngng taanntctnn acntcttttn	780
ntttcctnnn gnggnttnnn tcnnnaaaaa ttaccnctc tnnctcttan ttattgcgct	840
nntctnncan acatntngng tnatagacnc nttctcttna ncntnnannc cncnnatnt	900
natcntnnnc tttnnngtt ntgnncgtnt ctncctatnc tctancatat tttatgnngg	960
ttgnnatnnt cttnaccntc anaanaactgn atnnaaaacc tcncccnacg nncntcntta	1020
taatactnnc actcnattng nntngnnnat tgttnatgac angg	1064

<210> 1470
 <211> 1008
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1008)
 <223> n is a, c, g, or t

<400> 1470	
agcnctatat ggagntgnat nncagtggcg gccgctctag aactagtgga tccccgggc	60
tgcaggcccc gntggaccca aggccccgt ggtgacaagg gtgagacagg cgaacagggc	120
gacagaggca ttaaggggtca ccgtggcttt ttttggtttc naggggtcccc cnggccttcc	180
nggttttctn gggannang gncnttccga ancntttggn cttgttggnc ccnggggncc	240
ccttgntttt gttgnttttc cnggnaaaaa ngnnntaatn gnnttccaag gcccattngn	300
nccccnnggc cttnaaggnc caatngngaa nntngncctn gtngnncttc cnggccttct	360
ngaaccctn ggnccccana gtccttccaa cgggggggta tacanattna ganttttctg	420
tgcccaaaca cacttnaaaa aaaaaggttc acnatgnngg cgctatatat acnggcttta	480

natnangcca tntgtggncc ganaccganc atctaangtg nnaacaccac tctaaananc	540
ttgncncnac atatagaaaa nttcgngacc nttaagggca nccaaaaaaa ccgcgcccnc	600
atgtggtgaa atctaaaata tgccnctctt ttttgtgana agagcngaaa aattgtgttt	660
tttgcccaca aanaggtggt gnacntggna tgacaattaa nagnggtttt tggnacaaatn	720
gtgnaaaacc cggaagaaac nntttgtnta annccnctn ttcacccacc aagtngngcc	780
ncnaaaaaaa aatgttggtt ttattcnann aacaccccc gaaanaaaaa ggaacnctnt	840
tttngctncc gaaaaaaaat taatcanccg gaatttttac tnnnttaata atttttggnc	900
canaagntcc aancctttcn nganngatgg gggnatccaa acaaggtttn tttttcttgc	960
cgchangnac aaccaagggn ntctccaaaa aaaatttntt ctacttnt	1008

<210> 1471
 <211> 1008
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1008)
 <223> n is a, c, g, or t

<400> 1471	
agcnctatat ggagntgnat nncagtggcg gccgctctag aactagtgga tcccccgggc	60
tgcaggcccc gntggaccca agggccccgt ggtgacaagg gtgagacagg cgaacagggc	120
gacagaggca ttaaggggtca ccgtggcttt ttttggtttc naggggtcccc cnggccttcc	180
nggttttctn ggggnannang gncnttccga ancntttggn cttgttggnnc ccngggnncc	240
ccttgntttt gttgnttttc cnggnaaaaa ngnnntaatn gnnttccaag gcccattngn	300
ncccctnggc cttnaaggnc caatngngaa nntngncctn gtngnncttc cnggccttct	360
ngaaccctn ggncccccana gtccttccaa cgggggggta tacanattna ganttttctg	420
tgcccaaaca cacttnaaaa aaaaagggttc acnatgnngg cgctatatat acngngcttta	480
natnangcca tntgtggncc ganaccganc atctaangtg nnaacaccac tctaaananc	540
ttgncncnac atatagaaaa nttcgngacc nttaagggca nccaaaaaaa ccgcgcccnc	600
atgtggtgaa atctaaaata tgccnctctt ttttgtgana agagcngaaa aattgtgttt	660
tttgcccaca aanaggtggt gnacntggna tgacaattaa nagnggtttt tggnacaaatn	720
gtgnaaaacc cggaagaaac nntttgtnta annccnctn ttcacccacc aagtngngcc	780

ncaaaaaaaaaa aatgttggtt ttattcnann aacaccccccc gaaanaaaaaa ggacnctnnt	840
tttngctncc gaaaaaaaaa taatcanccg gaatttttac tnnnttaata atttttggn	900
canaagntcc aancctttcn nganngatgg gggnatccaa acaagggttn tttttcttgc	960
cgcanggnac aaccaagggn ntctccaaaa aaaatttntt ctacttnt	1008

<210> 1472
 <211> 1089
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1089)
 <223> n is a, c, g, or t

<400> 1472	
tttanaaaan ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg	60
gctgcaggaa ttcggcacga ggcnnntccc atcnnnnann nctgnnnga ntatgggga	120
cgnttgaaan acanactcac tacatnctnc cctanaccn gccnaggtgg nncangtgac	180
gatgtgatca naggggtggan cctgnaatc acgaanantn ccanaactnn nggacctatg	240
ccttaaggaa ngggtagnt tagctctgat antccaggta ntnaattgt ncatggaaa	300
tnnancatng angagcctgg cncctnctat gatcatggnt ccatggnatt taancnttta	360
aacncganaa cnnncnctt nccaantttt aanactnaa ttccatcctt tntnatagn	420
nnncaatnnt ncttttggt gnncttntnt ntaaaaaaaaa caatanntnt nnnnttngnt	480
tttncanac ccaaaanncc cnttttttt nntngnaant gttntntnn ctntnncan	540
ccttattctt tntttntnt gttgtaatn cccnnnnnt ntntntcnt nntntnttt	600
ttctccant cctcnntn cgtttanct nntnctnt atntttntt tctactncn	660
ncnntttaat ntntgtgnt nnttttctt ccttatgtac ctntancnt tttntttat	720
tntctatgta tntntntt tatttctnc nttnantata aatcnannct nnnnttncca	780
ctntnnntc nntncgatnt naccntttt tntnctcc cgtcggttn cnatnntaan	840
nnnttnctc tcntntcaa gtcanttcc nccttcttn tntcnntnt tcntnnnta	900
tcaaannttn antatanncn tntcnnttt tctntctnta tntnancnt tttttntc	960
naatattnt accantnatt tnatanttt nttntnctt tctncanttt gnttatccna	1020
gctntntct cttcnntgct nntnntcnn gttcnntcn nttatancag tttncatnt	1080
ntnctnct	1089

<210> 1473
 <211> 942
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(942)
 <223> n is a, c, g, or t

<400> 1473
 tttnnacaaan ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atcccccggg 60
 ctgcagggct tgggctgcgt ggggattttg taatgccgac cggagacttt gattcgaagc 120
 ccagttgggc ggaccaggtg gaagaggaag gagaggacga caaatgtgtc accagcgagc 180
 tcctcaaggg gatccccctg gccactgggg ataccagtcc agagcctgag ctactgccgg 240
 gagctccact accgcctccc aaggaggtca tcaatggaaa catcaagaca gtgacggagt 300
 ataagataga tgaggatggc aagaagttca agattgtccg caccttcaga attgagacct 360
 ggaaggcctc aaaggctgtg gcaaggagga agaactggaa gaagtttggg aactcagaat 420
 ttgaccacc gccggcccaac gtagctacca ccacagtcag cgatgatgta tccatgacat 480
 tcatcaccag caaagaggat ctgaactgcc aggaagagga ggatccaatg aacaagctca 540
 agggccagaa gatagtgtcc ttgccgaatc ttgcaagggc gaccactgga ccaccgcgtt 600
 gccctacaa ggacacgctg gggcccatgc anaaggagct gggccgaaca gcttgggcct 660
 gtccctggcg aaaaaggaaa anctccccgg anagctggaa cctgggcnng ncccttaaaa 720
 caagaattgg gaagtacgtt gccttcganc cttggccaaa ggggccagcc cccgnggggg 780
 agtcctntgca cccaanccga naactgatga caatgcccc tttcngtta nccaaccttt 840
 tttgaggacc cttcnggnaa cccacctgga ggaacttttt ccggnccctt nggttcnntt 900
 ttcccgattt tancctggga aaaggnaaaa aacccccggc cn 942

<210> 1474
 <211> 958
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(958)
 <223> n is a, c, g, or t

<400> 1474
 tnnnnnaaaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg 60

ggctgcaggg cctaagttcg accccaacga gataaaagtc gtgtacctga ggtgcaccgg	120
tggggaagtc ggtgccacgt ctgccctggc cccaagatc ggccctctgg gtctgtctcc	180
aaaaaaggtc ggtgatgaca tcgccaaggc aactggtgat tggaagggtc tgaggattac	240
agtgaaactg accattcaga acagacaagc ccagattgag gtggtacctt ctgcttctgc	300
cctgatcatc aaagccctca aggaaccacc aaggacaga aagaagcaga aaaacattaa	360
gcacagtgga aacattactt ttgatgagat cgtcaacatt gcccggcaga tgcggcatcg	420
gtctctagct agagaacttt ctggaaccat taaagagatc ctggggaccg cccagtctgt	480
gggctgcaat gttgatggcc gccaccctca tgacatcatt gatgatatca acagtggcgc	540
agtggagtgc cccgctagtt aagaactgca aaggaaaata aaggaccatt tgacaaccaa	600
aaaaaaaaaa aaaaaaaaaaac ttgggggggg gcccggncc caatttnccc ttatgggggg	660
gggnnnnnn aaaaaannnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnn	958

<210> 1475
 <211> 910
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(910)
 <223> n is a, c, g, or t

<400> 1475	
tnnnacaaag ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atcccccggg	60
ctgcaggaaa aattgtaaac aatgcattca tcgaccttcc agcccatca aacatttcat	120
catgatgaaa tttcggttcc ctctgggaa tctgcctaata cctacaaatc ctcacaggcc	180
tattcctagc aatacactac acatccgaca caacaacagc attctcctct gttaccata	240
tctgccgaga cgtgaactac ggctgaatca tccgatacat acacgcaaac ggagcttcaa	300
tgttttttat ctgcttatat atgcacgtag gacgaggctt atattacggg tcttacactt	360
ttctagaaac atgaaatatt ggagtaatcc ttctgctcac agtaatagcc acagcattta	420
taggatacgt cctaccatga ggacaaatat cattctgagg agcaacagtc atcaccaacc	480

tcttatcagc aatcccatac atcggcacaa atttagtcga atgaatctga ggcggtattct	540
cagtagacaa agcaaccctt acccgattct tcgctttcca ttttatcctt ccatttatca	600
tcatagcaat tgccataagt ccacctacta ttcttncacg aaacaggctt caacaacca	660
acaggaatth cctcagacgt agacaaaatc ccattccacc cctactatac cattaaggga	720
catcttangg gnccctctta ctaattctag ctctaatact actaatacta ttcggaccgg	780
gacttcttng gagaaccan ataacttccn cccagccna ttcaanttaa aacacccct	840
taaaattaaa acccgggggg aaccttntta nttgcattcc ncaaantta cgaaacaatn	900
ccccaaaaaa	910

<210> 1476
 <211> 1008
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1008)
 <223> n is a, c, g, or t

<400> 1476	
nnnactggag ctccaccgag ggggcgccg ctctagaact agtggatccc ccgggctgca	60
ggaattcggc acgaggaaaa gatccaaata aagaaaaaca agcatttgtg aaaacagtta	120
aagatcaagc ttctgaaatt caggtgacaa tgatgctcac cgaaagttgt aagctccgag	180
gtcttcatca cagaaatctt ctctctatta ccaatgtgtg tatagaagaa ggagaaaagc	240
ccatggtgat attgccttac atgaattggg ggaatcttaa attgttttta cggcagtgca	300
aattagtaga ggccaataat ccgcaggcaa tttctcaaca agacctggtc cacatggcta	360
ttcagattgc ctgtggaatg agctatctgg ccagaaggga agtcatccac aaagacctgg	420
ctgctaggaa ctgtgtcatt gatgacacac ttcaagttaa gatcacagac aatgccctct	480
ctagagactt gttcccatg gactatcatt gtttgggaga caatgaaaac aggccggtta	540
gggtggatggc tcttgaaagt ctggttaata atgagttctc cagcgctagt gatgtgtggg	600
cctttggagt gacgctgtgg gaactcatga ctctgggcca gacaccctac gtggacatcg	660
accggttga gatggccgca tacttgaaaa gatggttacc ggatagcca accaatcaac	720
tgtcctgatg aactatttgc ccgtgatggc ttgttgctgg gccttaaaat cccggaggag	780
aaggcccaag tttcagcagc ttgggtccca gtggctnaca nnaattccct ggcagcccct	840


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ggggggccca ttgtctngac ttttgctgtc acaagtcctc cnaagcgtnc aggaaggaaa      900
ggtgccctgc ccggccctnc ttggganccc aattttngga tgccccaata cctcacngca      960
angnccccag aannnathtt gttttccaaa aaccngggnc cttaggna                    1008

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<210> 1477
<211> 984
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(984)
<223> n is a, c, g, or t

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```

<400> 1477
naaaactgga gctccaccgc ggggtggcggc cgctctagaa ctagtggatc ccccgggctg      60
caggctgcac gtctaggtct gccgcgcgcg gtcgcgacca aatccgatgg gactccgtga      120
tgcttctgtc cttggccttt aacgaaaact gtccaaaaaa gggaagaagt gttggtgggt      180
gggggggagga ggggggnccc ccttttccgt gggcacgggg aggaaggccg gcccgttatg      240
gnccnnccaa ccccggttct gtccanccc ttaacttgag cntggcccnc gtcccttcta      300
aaggcnceng ggccaaacnc ntnttgggac tgagggett n ctttaaggaa aacccttget      360
ggtttangcc ctgnanggna tttgatcatt atattttanc atttaattct ctccatttta      420
ttgacttttg ncaattactn angnttgnga aaaaaaaaaa aaaaaaaaaa annnnggggg      480
ggggcccngn nccnathtt n ccttannngn nnnnnnatna nnnnnnnnnn nnnnnnnnnn      540
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      600
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn      960
nnnnnnnnnn nnnnnnnnnn nnnc                                             984

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<210> 1478
 <211> 1469
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1469)
 <223> n is a, c, g, or t

<400> 1478
 nctcactnag cncnangtc tagtacncna ncngcccanc attantttina agcccnatan 60
 tgnagttcgn cattacnngg ncatnctccg cctcctatna catagnntct nannacccan 120
 tacctntatn atantantta cntacatcc naantttatt tnntcnatgc ttactaaacc 180
 nnanaacntt nanancnnnn cttnttcata tnataaaacn natnttccnc nttnnttnac 240
 tctacnnanc tatttacnct natnattcnn attntctgnc cnttcnnnct ccnccattnc 300
 tacnttnaat aannntnnta tnantatnch ntcaatcgtc accanataan nnttncattt 360
 ttnttttnaa cnannntctn tcaancaccc tttatnatnc tcttattann nncantnnnc 420
 nnccccnnna ntntttnttt tnnnanatca ntannncgan aatttacnct ttcttcaatt 480
 atnntaaann ctccctanca ncctcntctt ctcttannaa tntntcnca cngcccncca 540
 ntgcgaacaa tntcnant ntcacnacc nccnttaac ntatnctnc anntntntcn 600
 ntncnnnac antcnacna ttttatntat atcnnntnt nnnnaacnga cnntnnancn 660
 tnaattcat gcaannnana tntttnnang tttacctaa nttatcanct ntccctataa 720
 tctnntanct nnntnctnta tnnnancna tctaaacaat annctgcctt ttccctnate 780
 tancattgtt atatanantn ntccatntn nnnncaattn cctaancncc nntgantca 840
 acctaacant ccaaancnca tnnnnnnntt anctntacnt ttgcctncna taancttcan 900
 acttncctcn cnncanntct cttnnntnch ctacaaactt tancanant cntcttntnt 960
 tnatataana aatnncaatt annatnannn aagcnnnnta acanttnntg tgncttctcn 1020
 ntctacttac cncacnct ccctcaccn tcgttncacc tctnatnant atatnanttn 1080
 ttcnaaccan agcacngcgn ctcancttct ntncantatn attatctcat ctnttctnct 1140
 cctcncctcn tcnatcaacg ctttncntan nntaancaaa nctatcnntc atacnctttt 1200
 nattatcacc tnncttatat tnntcnann cnanatatn caccactntg ctcaacnant 1260
 cntcttctna tnntcnaca ncncanatan nccnctgntt acncttccnn ntaannnncg 1320
 catntatata catctnct cnncanacant ncncnncacn annnataatn natacntctn 1380

tactctatat nntccacnch ntgtnttcac ctacacacac anantcttct nntnatatat 1440
 cncgntacac ttatanatna ntncnngcg 1469

<210> 1479
 <211> 1030
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1030)
 <223> n is a, c, g, or t

<400> 1479
 ttnagccctt atantgagtn gnanntacaa gggcgggccgc tctagaacta gtggatcccc 60
 cgggctgcag gctgcacgtc taggctcgcc cgcgccggct ccgaccaaatt ccgatgggac 120
 tccgtgatgc ttctgtcctt ggcctttaac gnaaaacngt ccaaaaangg naaaagngtt 180
 gnnngngggg aagnaggggg nccccctttt cngtggncnc gggngnagg cccgttcttt 240
 attntcctnc cnatnccnct tntnncccat nccnntaatt tntctngtcn gtcgtcnatt 300
 ccntaanncc tctntnttca aaaanctttt tnnnggantn tgctttctct ttnngganna 360
 ancttctttt ttttaccnct tgnncngggg tttntccnt tttatntcn tccnttann 420
 tcctntncta tttntntcan attnttacag ttcnctntnt tttctcntan nnataannna 480
 anantnttc tttctnnng gnnccnntct cncctcntn tntttttat tttntgccn 540
 actntnctna atccctntn tncatntct ctncccntnn ctncccttt ntntatntcn 600
 nntcnttnc ncnntctnt tcnntcntnn cntannnctt tncatctct tntccccctt 660
 cntnntntt nntnttttt ttcattatnn ctttttcttn nnttttann antnantatn 720
 ntnttttnt tctntntcc ntannntatt ncnccnnttc tttnttagtn nntcnnttc 780
 tctncttann tttnttnnc tcttctttt nnnctctnan nttnccntt ttcnnnctnn 840
 nntntnttn nntnccnctt ntatntntn nnttatntt ntntccctt nntntntant 900
 ttnantntt tannnnnnna aattatntt tacagnntn tttantctac tttctcnntc 960
 tcnattcnc nnnnaatntn cntntntcc ncanntcnn ntacntntt tntcctnttc 1020
 tntntancg 1030

<210> 1480
 <211> 1030
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1030)
 <223> n is a, c, g, or t

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<400> 1480
ttnagccctt atantgagtn gnan ttacaa gggcgccgc tctagaacta gtggatcccc      60
cgggctgcag gctgcacgtc taggctcgcc cgcgccggct ccgaccaa at ccgatgggac      120
tccgtgatgc ttctgtcctt ggcctttaac gnaaaacngt ccaaaaangg naaaagngtt      180
gngngngggg aagnaggggg nccccctttt cngtggncnc gggngnagg cccgttcttt      240
attntcctnc cnatnccnct tntnncccat nccntaatt tntctngtcn gtcgtnatt      300
ccntaanncc tctntntca aaaanccttn tnnggant an tgctttctct ttngganna      360
ancctctttt tttaccnct tgnncngggg ttnctcctt tttattntcn tccnttann      420
tcctntncta ttntntcan attntacag ttnctntnt tttctentan nnataannna      480
anantnttc tttctnnng gnnccnntct cccctctnt tntttttat tttntgcnn      540
actntnctna atccctntn tncatntct ctnccctnn ctncccttt nttnattncn      600
nnntcttnc ncnntctct tcnntctnn cntannctt tncatctct tntccccctt      660
cntnntnt ntntntttt ttcatatnn cttttcttn nnttttann antnantatn      720
ntntttnt tctntntcc ntannntatt ncnccnntt tttnttagtn nntcnntc      780
tctncttann tttntnnnc tcttctttn nntctctnan nttnctttn ttcnnctnn      840
ncttnttn ntntnccct nttatnttn nttatnttt ntntcctttn nntntnant      900
ttnantnt tannnnnnna aattatctt tacagnntn ttantctac tttctcnntc      960
tcnatcnnc nnnnaatnt cnntntncc ncanntcnn ntacntntt tntcctntc      1020
tntntancg                                     1030
  
```

<210> 1481
 <211> 991
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(991)
 <223> n is a, c, g, or t

<400> 1481
 nnaaaagctg gagctccacc gcgggggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggaattc ggcacgaggg ttggttagag atgctcttga aagacaagag agataagagg 120
 tgtagagcca agtcttctag gtggcttgcc caggctactc tacctctggc ctctgattct 180
 caacatacat acctacatgg ctgctcttgt tagtacagng ttgattctct ggaaattanc 240
 cgcatgcctg cagcttgctt cgtctgagga taatgtcacc accagaatgg ctgctctgac 300
 catttgctg ggggctttct catggctttt tgaacaagga ngctgggcan cctaaaaata 360
 nttccacnt tacngcatng gttatgcctt gnggggaagg ggctggnat acttttcacn 420
 ttacaattct taagagaaag antagggcct tacctaatac aagncattaa aattaaata 480
 tggncctnag nncntggang tttggaccaa aattntttt gaatttaacc cctggcccaa 540
 gtaaatggtt ggacncctna gccagttntt aatncnggnc caaaaacctg aangganaga 600
 atnattanct gcnnnggtacc cattgacntt ctaacttcct nttggcccct tatngcaaata 660
 ncnnttagga atgaaaaacc ttttgggatt ggngaacca acctgaaang gganttccaa 720
 gncctttggt tgaaacaaaa nacaanttcc tnttggcccc angggaaacc ttaaaattaa 780
 aatntnncct ggaaacccgg cctngggggc atncccaaaa aaactgggcc cttagggcca 840
 tttnttttaa ttccataaa atcnggncct ttggggngga aacctggacc caaatgggtt 900
 ggggtngggg ttttttncc ttggnnttng ggaanggggt ttncccaaaa aggttttncc 960
 cccctttcnt ttttgggaan ggggaaattg t 991

<210> 1482
 <211> 934
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(934)
 <223> n is a, c, g, or t

<400> 1482
 ttnaacacag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa ttcggcacga ggatatcnca ctggtaaaag agatgcagtt gaagaaacct 120
 gctgagttga agatttccta aatttacttt aaagggaata atctgggttt cttaactgca 180
 ggggttttga agatatgaca tcctagagta atatcagagg atacttgga ttaccagggg 240
 ctaatttaga aaagaaattg ttcttttaaa aggaaagaaa tttcagtaag aataatcaga 300
 ttggcccaag gagcaggtgt tcagagtgtt actgagtaat atttactact aaaataactta 360
 aagtaaaata agtaatttta ggaaatgtct tgattgaaca aagttatttc ttagaacagt 420
 ttatgttcta tcaacgatgt ttaagtatct ctatcaatta tggaatctc tagttgaaag 480
 aattctggaa ttcattgataa ggaatcaaga tttgaaactt tgaaaattat actgaatagt 540
 tgctaatacta taaagatgct ttttaacatt gtacatttag gaaacatggg attggcctta 600
 ttttatacat actcttttaa aatattgnca ttgcttaaga cttttcttga gagtgaatta 660
 cctgggaata acataaattc catgcaattt taagtatttg ctattnaaaa ccagggtacct 720
 ttaattgnng gatatgaatc tgactaaatg ngctnttacc aggnaatact atgncattct 780
 acctatcnt tttggaaagg tattgcttga atgtccttaa aggtttctac cncatagnga 840
 ttctggaagt tttccagtt tgnntttccc nctggaaaaa ttgggagtg aaatttttcc 900
 caaaactttt acntttcaat taacttttagg aaga 934

<210> 1483
 <211> 989
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(989)
 <223> n is a, c, g, or t

<400> 1483
 ttgaanacaa gctggagctc caccgcgggg gcggccgctc tagaactagt ggatcccccg 60

ggctgcagg ncnagntntt atgntttttt ntaccgnnaa cctcannnnn tnnncagggg	120
cngattnaaa nctatnntgn gtcgnannan atanngntt tntntnnnan aangngggnc	180
nnaantngng ggncnnaggg naaaaaccnn cccnttnnnc ttcnnnanng nnggaaagg	240
cnttacncnc ccnttttttt tttaaaaang gnnccnntt tnaccccccn nnnnagnann	300
nnttncccg gaaaaccggg nannnttna agggcntncc nnaaaaancc nntnccttt	360
nnaaaattcc nntttaaatn aaagnnccnn anttnnccgg gnannttaaa annagntttt	420
nncnccgnt ttnntanccn nnaanaaaac ccnttaaaan cngnnttg ggggaaattt	480
ttnnnttttt tttgggaant annaccnnnn aaanntttgn naaangntnn gnttgaaaaa	540
nanttttccc cctnaaatnt tttaaattcc aaaantnntn ttttnnggga aaaatttttn	600
gggaaatttt tccnnaccgt tttngggggg gnaaattttt nccaattagg ggnncccccc	660
tngnntggaa tttctgggaa gnggggnaaa ttttactttt ttccccaaan ganaaaaang	720
gnttaaaatt ttttttcccc ccncagaaac nttttnnnnc cctttttncc gnnngggggg	780
gggnaaattc gggggcnctt ttttaanggn cccccctcc ngtttcccaa aaaaancccc	840
nntggggggg gccccannng gtttttttcn ccttgggggg ggaantntn ttttnaaaaa	900
agggtnnttt ttttttnccg ggccgngggn ggggnnttcc ccngggnttt ttttttttn	960
acaaaaagg gggngttttg gttncnnt	989

<210> 1484
 <211> 925
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(925)
 <223> n is a, c, g, or t

<400> 1484	
tnnnnaaaaac tggactccac cgcggtggcg gccgctctag aactagtgga tccccgggc	60
tgcaggagct ggangntgc atgcattgcc gcgtgtgccc caagcagctg agcgagttgt	120
gtaccgagcg cgaccctgc gatccgcaca agggcctctt ctgcgacttc tggctccccg	180
gntcaaccgc aagatnggta gtgtgcacca gctaaagatg gtgccccctg cgttttcgga	240
ggaactgtgt accagagcgg agagtctttc cagagcagct gcaaatacca gtgcacgtgt	300
ctggacgggt cggtgggctg cgtgcccta tgcagcgtgg acgtccgcct gccagcccc	360
gactgccct tccctcgag ggtcaaaactg cccgggaaat gctgcgagga atgggtgtgt	420

gatgagccca agganccacac cgtggtcggc cctgcgctcg cagcttaccg gccggaagac	480
acgtttgncc cagacccaac catgatccga gccaaactgcc tgggtccanac cacagagtgg	540
agtgcctgtt ccaagacctg nngaattggc atttccaccc gggttaccaa tgacaacgca	600
ttctgcaggc tggagaaaca anagccgcct ctgcatggtc aggccttgcg aactgacctg	660
gaggagaaca ttaagaaagg caaaaagtgc attccggacc cccaaaatct ncaagcctat	720
caagtttgag cttttnttgt tgcnccaacc ntgaaaaacn taccgggctt aaattttggg	780
gaatgngccc aanacgggcc gngggttgca ccccccaaa naacccccac cttttcccg	840
nggagnttaa agggnncccg gangggggaa nggntnttna atnaaaaacc tgnaattttt	900
aatnaaaaaa acttgngccc ctnnn	925

<210> 1485
 <211> 1012
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1012)
 <223> n is a, c, g, or t

<400> 1485	
gcctatntgg agctncatcn cngtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggcttgct accttctgcc accgttccat ggtctctgga aatccttccc accaatgaaa	120
gccttcggtc ctggcattgg ccttccacct agaccggctt tgccctctct ctgccatcct	180
cggctcctca gagaccacac tgctgtcac aaagaaaacc accacctcg gctgccagc	240
catcaacttg gaaaatcggg ccagctgtct gctgctcacg tctcccaggt ccagaccaa	300
cgggatcaac aaccacagt ggtgactcag tctcttacc caggagccaa agcaacacaa	360
aacaattggc caaacatcgt tgggtccgat tctgagagta ggtgatttct agacatgtct	420
ttcaggtgac cctcaactac ctcaggtttg aaggccctaa attaagctga tactactcat	480
ggggacagac cgaggagggt tcggagaaat cttggtgata acgcacttgt ctcaaactta	540
caacaaactc acgtttcggc ttgcaggggg tggggttggg gtttggtttt cttctgtttt	600
taaccttttc ccccaaatt ttccattaag aatagttcct acaaatgaaa tttcatttct	660
cactgagtgc ctaccttccc aggggcaggt annccctggg ntttgtttcc ttccaagcag	720
tacttttatt atnngntat taanaacttt tctttgtata ataccattgg natctgtgct	780

tttcaat	ttt	ttcaantaaa	naccttcnaa	ccctggcaaa	aaaaaaaaan	aaaaatncng	840
gngggggggg	ccc	ggtaccc	annangngnc	tnnnanngtg	acnttttttc	nnngcngtgt	900
tttatanann	tnntnagtgt	ctttttnttc	tcnattcgnt	ttcattcatg	cgttangctc		960
nnntnnntn	gcntttantc	tcngngnnnc	tcntgcnnntn	tnncttcgnc	cc		1012

<210> 1486
 <211> 1488
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1488)
 <223> n is a, c, g, or t

<400>	1486	
acncnntntc	annntantaa	ttttctnttt nntttnttt nttttntnn ntnntactna 60
nannnnnttct	ttncantcca	ngatntcgtn tnnntactcc tnnngnantnt nnnangtttg 120
tctcntaata	tnnttnagna	naactggagc tccancgcgg ngggcgggcg ctctagaaac 180
tagtggatcc	cccggngctgc	aggctgcnnnt gttttatnnt ntnnttnnac cgtatancat 240
cnnntccaan	ttgnnnntnn	ngtcttctnt tatnctcttc tcnnttnaat tagacnnttt 300
ttttnaantt	natntnttc	ttttnncatt tntgtctnt atnttttttn gtatanntgn 360
tncnagtntt	tnnttnnatn	anattntctc ttantttttt nctncnnnct cctantttta 420
tacntttntn	ttgattncta	nnttanaaan ntctgttttt ggatntntat tctnttttn 480
ttaatgntta	ntncttcnn	ttcntttact tcanntnttt atngntaan attangactt 540
atatatntac	tantttnttn	antngtatnt cgtnncttnn tcnnttatnt nntcnncttg 600
atnatnntnt	gnntgncagt	ntttcnntt tnnatnttat ntttnnnntt ctttaannntn 660
nnttttttnn	tatnnnacnt	tnngnantnta ttattttnat nnnntnttnc ntentantnt 720
atnnagannt	tccatanttn	tnccctttna anntntttcn ntctttctaa ttctntcnnn 780
nagantcaan	cnatntntt	tncttntnt ttnntantnc ntccntnttt ctctngaaaa 840
atccatnatc	gttnnaantg	aaaaantatn tntcgttnt tcattnncnt atncnttct 900
actacannna	tctcattggt	cattantttc cattncgata ncgngngnnn tgnnttctnt 960
tnatcannt	nnnactntn	tnngctaatnt cnannnnacc gantngggnt ccntttnnnn 1020
atcnnntttt	ctctacagan	gggcttcccc gttttaacnc ccccccncc cacanaatnt 1080
nngaaaaanc	tctcccttcc	tccccctnt ctcttccnt ttccnaann cnattanata 1140

aangnttttt cctttttaan aaaaaaatna angaggtnnn ggcggnnnnc ccccttccc 1200
aaaaaaaaa aantgtaatt ttgggggggg ggggggggna ngngttttgg gtttntntt 1260
ctttcntagn tncntnttan aaatTTTTng ngangcccc ccccccccc cctncccc 1320
cnccccncc anccccnct tttnancttt tttttttcc cccntngaaa aaaaaatccc 1380
cttcttttat ggggggggtan naacananat ttttnggttn gtgtgccaac naagnnttt 1440
tttttagngg gggggccttt tnaaaaaaaaa tatngngngn ggggggcg 1488

<210> 1487
<211> 1268
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1268)
<223> n is a, c, g, or t

<400> 1487
tntctntngn nggacncgan cnancnnncn ccctnnntt nagnccctat agtggagtnc 60
gtattacagg ggaggncgct ctagaactag cggaccccc gggctgcca gnttgcnngc 120
ccnaggcctg gcntcnttg cnöctggtgt gatacgaacg cennnnnnnc cccctcgng 180
annctgnctc cntgcnct naccacctga ntntccctnn cnaccngcca cncngngntn 240
ttttntngn gttntcctgt cgnttgntcn cgagaaataa ncnntntntt ttgntcgacn 300
gngangncn nctnttttc tttgntntnt nntgnntccc cccctnccn cntatttngt 360
tttcnncn cccntnnn tcgnanttt ntactgcntn attctgtgng ccncaannct 420
cccnnttn nccgngnn cnncannnn tccttncact tntcnnnnn ncnccctcc 480
cngncctgnt tnttgaana tntcgtngn nnnacnctt nnttnatnt cttnnantcg 540
nnccccctn ngcnngacg ancgnnncct nnnattntnt nngcctttg ttgcnnctn 600
ctcgtagtc ngtnngnt ngnnctcct ntcnnnnatn cggntcnnt gctcttgng 660
ncccnncna tctnnannt ncctttntn cngtgngtc cnnntncnt ctntntnacn 720
nccntcnnn ncnngctnc ntttntcc gncntctnt ntccnnncc cgnnggcn 780
ngtcnngttn tngnncnnnc gcnnctncc tntnnntt tnnntnacn ttannnnnn 840
nnncngttac tngctctgcc nncnccctt tntcttctt ctcnncngc cnccccgnc 900
cgntgctnc cncntcttta attnttcac cancnncg cncctgntct atctnnncn 960

tcnancatnt tngcttnnct gtcngtccgn cctntcganc tgnntatcc nagctattnn	1020
atcntactat ccnctngtcn ggtccctttt ntccctcttc ntttnatctc gctntgcnc	1080
gnnncanccn tttnatnntg cgcgcnnntg tttnctctct tnnncgcct ctctnctcct	1140
nactntnann cttcancnan nttncttcac nctcttatan annttcnntc nnannctnc	1200
ntacantngn ntccggttna tnnngagagc gtctccgtat agncgcgcnt nanntntcnc	1260
atcgntcg	1268

<210> 1488
 <211> 981
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(981)
 <223> n is a, c, g, or t

<400> 1488	
tnnancnana tctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcaggc ccgcggatct gtctcttgct tcaacagtgc ttggacggaa cagacccagg	120
gacgccccctt gttcaagctc nancnacctt caancttttt ttcnancna ancnttggan	180
ncnancnntn nactngncgn gaacanccgg gancnaccnn cnttttttaa cttcntanta	240
ntancnnnca atnatnaacn nccaaaatnn ncanaattan tctaccnang gggangncng	300
cngcnaccgg ctgggtaaca tgnnactggg ggccttctac acctancttt ctctgggctt	360
ctatttcgac cgcgacgang tgggcctgng aggggtgtggg gcactttttt tcgcgaattg	420
gccanggaga aacgccgagg ggcgccggag cgtntctttg aaactgcgaa ancancgtgg	480
ggggccgcgc cctctttctg ngcgtgcnc aacctntcn aaaanagagg gnggaaacca	540
cgacgctntg gagggcgcnc ttntcgtaan agaanaaaac tnnataaacc ctggttgatn	600
tgcatgggct ggnttntgcc ccggagaacc ccacatatgt gactttctng agnaacacct	660
tctatatgan ggaggggana ctcttcatna aaaangggng gacatcttgn ncaaccctcn	720
gcanggttgg gtggtgcccc aagntggggg tggggggaag aatttttttn nnaaanggg	780
cncctctcan cccaactaa ggaagccttt tgggggaacc acnngggccn ttttagnaaa	840
cccccttaa aaataagggg gngggcttgg aaaacccctt cttttgtagg ntacttaagg	900
gaggnttttt ttttaaaaaa cctngggggc cncctttttt aaaccctttg gggccattnt	960
ggggaaaaaa ntaanaagnt t	981

<210> 1489
 <211> 981
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(981)
 <223> n is a, c, g, or t

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<400> 1489
tnnancnana tctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg      60
ggctgcaggc ccgcggatct gtctcttgct tcaacagtgc ttggacggaa cagacccagg      120
gacgcccctt gttcaagctc nancnacctt caancctttt ttcnancna ancnttgga      180
ncnancnntn nactngncgn gaacanccgg gancnaccnn cnttttttaa cttcntanta      240
ntancnnnca atnatnaacn nccaaaatnn ncanaattan tctaccnang gggangncng      300
cngcnaccgg ctgggtaaca tgnnactggg ggccttctac acctancttt ctctgggctt      360
ctatttcgac cgcgacgang tgggcctgng aggggtgtggg gcactttttt tcgcgaattg      420
gccanggaga aacgccgagg ggcgccggag cgtntctttg aaactgcgaa ancancgtgg      480
ggggccgcgc cctctttctg ngcgtgcnc aacntntcn aaaanagagg ggngaaacca      540
cgacgctntg gagggcgenc ttntcgtaan agaanaaac tnnataaacc ctgttgga      600
tgcatgggct ggnttntgcc ccggagaacc ccacatatgt gactttctng agnaacacct      660
tctatatgan ggaggggana ctcttcatna aaaangggng gacatcttgn ncaaccctcn      720
gcanggttgg gtggtgcccc aagntggggg tggggggaag aatttttttn nnaaanggg      780
cnccctcan cccaactaa ggaagcnttt tgggggaacc acnngggccn ttttagnaaa      840
cccccttaa aaataagggg ggnggcttgg aaaacccctt cttttgtagg ntacttaagg      900
gaggnttttt ttttaaaaaa cctngggggc ccnctttttt aaaccctttg gggccattnt      960
ggggaaaaaa ntaanaagnt t                                          981
  
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<210> 1490
 <211> 958
 <212> DNA
 <213> Bovine

 <220>
 <221> misc_feature
 <222> (1)..(958)
 <223> n is a, c, g, or t

 <400> 1490
 tnnnnaaaag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa ttcggcacga ggcactaata aaaattgtaa acaatgcatt catcgacctt 120
 ccagcccat caaacatttc atcatgatga aatttcggtt ccctcctggg aatctgccta 180
 atcctacaaa tcctcacagg cctattcnta gcaatacact acacatccga cacaacaaca 240
 gcnttctcct ctgttaccca tatctgccga gacgtgacct acggctgaaa tattccgata 300
 catacacgcc aacngagctt nnatggtttt tatctggnta tatatgcccg gaggaacaag 360
 nttatattac cgggtcntac ccttttctaa aaacatngaa tattngagtn attcntttgn 420
 ttacannnat aagcccnna nttaaangga ntccnctac cntnaaggnc aatantantn 480
 tnnngnacca cagncnttaa ccantttta ataancattc catnnctng naccaaatta 540
 agcгнаagga attngngng gat_ttaana aaacaaagca ccccttacc aatnnttgn 600
 tttccattta atccttcnnt taatnatcat accaatggcc ttagncact tatttttctt 660
 cncgnaaaan ggttccaaca aaccaacag gaantttctt anaacgtna ncaaaatccc 720
 ntccncccc ttctttttcc nttaagggcc nttagggg ncccttttac naatttaagc 780
 cttaaaaccc ccnaggccct ttccncccc cgaccctcct tggggaaccc canaaactta 840
 cccccaagc caattccatt taaaaaaccc ccnttttaa ttaaaacccg gnggggaacc 900
 tttttttttt gggaaacca anttttaaaa acaatncccc cccaaacctt gggggggg 958

<210> 1491
 <211> 1109
 <212> DNA
 <213> Bovine

 <220>
 <221> misc_feature
 <222> (1)..(1109)
 <223> n is a, c, g, or t

 <400> 1491
 ttgananngc tggactccnc cgcggtggcg gccgctctag aactagtga tcncccggc 60

tgcaggantt nggctcnagg attttnnnct gntnccannc atgcaacttg aanatggggn	120
nctnngttga acgatccact atggaaangg aaagnngnngn canctggtgt ntcttacatg	180
gangngctc tagnanattc ccacctgcct actgnagaat nccnatgnta caacntagat	240
catacatgnc gntanctann anancanctn gcnagttgan natgaatnna ntcnnntgg	300
ncannnacnn aatangatnt nnttgnnnt gtatntaatn ntaagattnn acttannctn	360
cnannttncn nnnagtannc tncntacttn tnnngnancn gcnnntntna ntaccnannt	420
tnttngngtn actcnaantn ntgntncant tnttgnntan ccnctnnant cctcatccan	480
ctntntgata nnncttttgc cccnataccn tnttntcttt cgnnttttct tgnctcnatn	540
tnaacncttt gatccnaatn nanntaacnn antnctatnn cnnncanenc nnatntccct	600
ctncttntac tgtttntnn tnaattnatn tnncnngncc nncancctt ttcnnntatc	660
tottngtct nttctnatac ncttngctnn ctttncctnc tgtctccnan tttccctnct	720
ccatntcntt tttgacctt gnnctcccc cnnannttcn ntcagnaacn ttccttnna	780
antttnttta tttctncttn tntttcttac nctntntcn ctttctantt tntnagnenc	840
nctcccatnt tntttttnnn ctcnanaatn nccnatntn nttccctnt tgtantntnc	900
ccaccnctc tnantntnc ttnnttctgn ntcactntnn tnnennctct nnttntnt	960
nnncttctc gacnttcta cagtctcnc tntnttttn ttcntnctat cttatattnc	1020
tntcanntcn ctgnnnncnc tntgtntnc gctcttctc tannnctaga tagtgancctc	1080
atcttctaatt tttctncttt cctcaccct	1109

<210> 1492
 <211> 971
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(971)
 <223> n is a, c, g, or t

<400> 1492	
naaaagctgg agctccaccg cgggtggcggc cgctctagaa ctagtggtgc ccccgggctg	60
caggtagctc ctcttcatct cccagaccg gccagcagga acccccaaag cctnctgag	120
tctgacagcc aggacgtggg gctgagggcc gggaacagct tccccaggc agctcctgcc	180
aggtgtccc gtggatgctt cacttgctt tttctctc tcccagaaca gtatttggga	240
gattttacta cttattcaga ctctgggta tttattgcag attggcaagt gcttggttg	300

gggatgaagg gtagggctca gaaagtggaa atatggtctt cctgaccttt caggtccttc 360
 agcatcctct tctccctgcc tctgggacct tcttggtttt ccaggagatc ctggctggaa 420
 gggctctgag ctctgtaata gagctgggtc taaggggaac tgggtgtgtaa agaccctggc 480
 atggggcaga aacacactgc ttgccagcag cctgggtcatc ctcttcccag aacttggttg 540
 ctggtagttc actcccagct ggatcccttc agagcctgag tcttgggcca cagtctggga 600
 cccagcagac actgcccagg accctgatgc attctnttnt cgctgtccc tntgcccttc 660
 cttcctggac catactactt ggaatcactg naatctgaat tcgccttaat tggcangggc 720
 tgggtccagt gcccctntcc ttggnccctg naagaaaggg caaaaanagc ncangggacc 780
 ccttncccag gntaanaacc gagcttcccc caatngggaa ggaacctgcc ggtnggcaaa 840
 tttccccct tgncccaacc ccaaaaattt ttaangggan ggnccccaan aaaccnnaa 900
 aactnccan ggntttctta anttgggaac ctnccccccc ngacnttttg gaccttgtec 960
 nanaaaggac n 971

<210> 1493
 <211> 908
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(908)
 <223> n is a, c, g, or t

<400> 1493
 tnnnacaaag ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atccccggg 60
 ctgcaggaan tngncncgag gcatggctgc agtcaccatc tacagtgatt ttggagcccc 120
 caaaaataaa gncagccaca attcccattt attngcgatc aagtgatggg accagatgcc 180
 atgatcttag ttttctgaat gttgagcttt aagccaactt tttcactctc cactttcact 240
 ttcataaaga ggctcttttag ttctttttca ctttctgcca taagggtagt gtcacttgca 300
 tatctgaggt tattgatatt tctctcggca atctcgatac cagcttgtgc tttctccagc 360
 ccagcatttc tcatgatgta ctctgcatat aagttaaata aacagggtga caatagacag 420
 ccttgatgta ctccctttcc aatttggacc cagtctgttg ttccatgtcc agttctaact 480
 gttgcttctt gacctgcata taggtttctc aagaggcaca tcagggtggc tggtatccca 540
 tctctttcag aattttccat aagtttattg tgatccacac aagtcaaaag cctttggcat 600

aatcaataaa gcaaaaatag atgtttttct ggaactctct tgcttttcca atggatccaa	660
cggatgtaat ggttgaanaa actgaacggn tctatganga cctaaaaaga ccttntaaaa	720
ctaacaccca aaaaagaagg cccttttctg tatangggac tggaatgcca aaagtaggaa	780
agcaagaaac ccctggagta acangcaaan ttnggccttg gagtnccnaa aggaagcngg	840
gccaaaggct taccaaaaant ttgccaanaa aaacnccctg ggncataaac aaacaccctt	900
tttccaan	908

<210> 1494
 <211> 1031
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1031)
 <223> n is a, c, g, or t

<400> 1494	
gcctatanng agnngnatna cagtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggnaccat ctancnngan tgnngntgan cggncnngtn ntgagnaaan tnannncnga	120
gaagaccntg gtngtngnnt tgctgctcat tgacgttgna gnncttgaac gaagctncnt	180
ggcttggtgc cctnacatta atnnaangng naaagnnnta tnancacnca ctgcngtnca	240
tacnannnnn gcncannnga gctctnacca ncaagnnnnt nnnnggatntg cagaannntc	300
tntcnaannn gcnnnngnac tacananacn nnnnngnact tagannnaan tgcngcatnc	360
antgnaacna nnnggcntna tgcnannnnn tggannngga accnnacann cgatggaatn	420
nganntncnt aganncgana gcccnnntga ctanttgaat aaggcnntg nacctttcat	480
aaaganngtn gaaaagcnga tntacnaggc catatcgtn tggtctnga ntgtacannct	540
gctcntgtta tgataaacct attncaatac taaataacct aattcntgct gctcatacat	600
ntaanatgct gctttatact ttgnnccang ctgaccntt cntgaatat catncannnt	660
tagggncatg ccntnnaaat cttnttntcc ttgnccagaa ggcgntacca natntnncaa	720
tanaatttag catggactag gaggcctga atnaccang gacattacgn nggannttgt	780
taatnccata atngaancna ctncnngtg naacnatgan cnctnncgan ccntangntg	840
gttnntngcc ntagnnaat ttncnatnc naaatttggn ccnnttnaag gnctttttgc	900
tcctaactn ntnaacant cccnctttca nactanttn nantnatant ttcntngccn	960
tttaantcnn ccannnttt ncgggannnn ctaaantntc ctantgttaa gncccttttt	1020

ntttngggcc c

1031

<210> 1495
<211> 993
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(993)
<223> n is a, c, g, or t

<400> 1495
gcctacngga gctncaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgg 60
cagggttttt tttttttttt ttttttaagt ttttaaacct ttttttangg gganccngnc 120
ttttttnaaa aanccccccc caaancccc cangnancnt aanntttccn ttttttcccc 180
ccnaangaag ggcanannc ntttnaaaaan ttggngnnaa nccccaaaaan tttttnaaag 240
ggccnanant tttttttttt tnnaaangaa aancccccn naaagggnncn ttttttcccc 300
ccccccnnc nncnngnnaa antttttngn aaagncccc cttttaacca aancaaacna 360
aantncnga nngggncngn aanccnnan ngggggggta acccnnggna ccggccnagn 420
attnaaaaaa nttttttaaa cttttgnaac cntttttttt nttttttaag aanngggttc 480
cncnntcngg cccttnnccc nnttaaaaaan tnccaaaana aaaaaggcgg nnnantnggg 540
tnttnnacc aaaaanctnn ttggaaaaa aaaggcntnn caaaatttt ttnccaaacn 600
ttgnaaaaat ntggnaagg gntntttttt ttnaaaaaa aaaacttttn ttggggggg 660
gncctcccga attttntnng ggggtgngtt tttcngcccc nannaanaaa acccccccn 720
ggnggaattt cncgggagna aacanaaaaa aggggggnntt tttttnaaaa ccnggggggg 780
gggcncctt ccaaaaaaaa aanggggggg ggnggggggg ngaaannttg ggnccctttt 840
nccgnggcnn naantttttt nttttncnc gannggcncn ccccnngnng gntttnnnga 900
atttttttcc cttaaaaaaa nnncccnggg ggggcacnnn ccttncacnn ncccngggg 960
ttttccccg cccccnaaa nnacggggng ggc 993

<210> 1496
 <211> 1361
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1361)
 <223> n is a, c, g, or t

<400> 1496
 ngtnncntag ggnnangnnt ncctentccn ctcccnntc ttnagnccct atagtggagt 60
 gcgtattaca angngggacg ctctagcnn ctagnggcac cccccgggcc ngcaggcnat 120
 cctnctctag gttnncnnttn nntngactc gggtntnca ncccttnt ntagttcttn 180
 tnccccgcgg atgannactg nntcccatct gnntantacc ncangnnntn cgccttnacn 240
 tggncagncc ncngggccnc gatcgnntga nacaagtng ctctnntgg tgcnggacna 300
 ncacactgcn tnnnantntc ncntgncacn cgctnanacn ntanananga ntttgctggn 360
 acangcantg nccgtcatnn cntntntgcn ngggccagta nnagnantgg anacnnntt 420
 ncncgnagc ttgtntangc ccaanttctt nntnctacca gggagcnnan aangnggcct 480
 ctnttgntan ncaaggngnn tgnnatnttg ggncccgnc nncnngtcc cgatngggca 540
 cctnctntnn tattanggtc atntgacncn cccctgggag aacttctgaa tctnnnnng 600
 nnagnntcct ngggagccn taanantnta nccccccnn tnnctagnag aggnngntnc 660
 cnannaccng cctnangggc ngancncggn ngnannnnan cncgtnnncc atntcncgc 720
 catntgtctn gnnaangctt actcnnccann nnacctcgnc tgtcttntct nccntnggcc 780
 nnggngnga tcgctnacnn gnncccggc aagccngcn gnnnnngnn nntntaantn 840
 nccctgntgc cnnnnntnn gnttncnna tgtcnacnc cattnnntc cnnncagnng 900
 cnnncnng ttttgntccc ttccttatgt gtccctctt ctgcccccc nccntcgaa 960
 tnggancnt tggccnntg nntatcannt nctcantng gnanccatac ccacnganca 1020
 cntagaang tatatctcan cncngngcat tantnnntt ancttntctn tngantnt 1080
 ctactnccgt ctcantntg cctcncnta ttntcattag nncanaanca cntgntgan 1140
 tncntcnnn tnnccnctca tannnnnca ncntncagtc tcngnccaca nngcnagcgc 1200
 tgttnnncnc ntgcgnann anntntntnt cgtancantg anangangnt tatnactgt 1260
 ttgtgttcta tctnagngcg nncgcncac angnggctgn nacnnacata nanantcng 1320
 ctcatnccat ggngnggcc tancgantgn nnangcncgc g , 1361

<210> 1497
<211> 956
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(956)
<223> n is a, c, g, or t

<400> 1497
aacaaaactg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct 60
gcagggttna gngtcctctt cagcgactca gtacggggct catgagcaga cacatgcat 120
gtatgtttcn actggttcct tngttaanaa nnanncnnc ctnanggcna ccttgancn 180
nnnnnttcan antcttaanc nttaantnnc ccancggan nnaannaan ncnnnatggg 240
gggaaccatt ctnggcccaa nctngtnaa cancattaac ancangggcg ttaagntttt 300
catttgggca nccacanna ncannctggc atttaacatg nnggggttg ccaanccac 360
ctttatnaac ctggcttaat anacacagtc tacagaaata tttttccaa cagnacann 420
agacacgtgt ttacaatat catactnttc atgtgtaaga ncggggntnc acnnaatnta 480
caccacatng ggcattgtcn tngaacaan cccaccccca acaannnnnt gtgaaggng 540
tctgggggaa accnaaaggg gaaaatcctc ttccttttat gggtnataa ctgggagcac 600
anaaaactag aaattcttnt ttttgtttgn aaaaanatat ntggatnnnt tgtacaacc 660
ataanaagnn tgacaactga cttgtcggng gaagaaaatt tggaccnccg tagaaggcct 720
tttttgaaaa ttgtgggnng ntgcataata acaaatgat gggtgtccaa aaacccccaa 780
ggaaccccaa cntttgttg tggnaaantg ggagattttt ttttttttat tgacccttg 840
aaagggnttg anaaaacaaa atcatttttn tnaaaaaaaaa agtanccann agggggtttt 900
tggttggttt ttaccgcctn naaaaaaaaa aaaaaaaat tcnnngggggg ggggnn 956

<210> 1498
<211> 956
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(956)
<223> n is a, c, g, or t

<400> 1498
aacaaaactg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct 60

gcaggggttna gngtcctctt cagcgactca gtacggggct catgagcaga cacatgcgat	120
gtatgtttcn actggttcct tngttaanaa nnanncnnc ctnanggcna cttganccn	180
nnnnnttcan antcttaanc nttaantnnc cccancggan nnaannaan ncnntatggg	240
gggaaccatt ctngggccaa nnctngtnaa cancattaac ancanggcgg ttaagntttt	300
catttgggca nccacanna ncanctggc atttaacatg nnggggttg ccaanccac	360
ctttatnaac ctggcttaat anacacagtc tacagaaata tttttccaa cagnacann	420
agacacgtgt ttacaatat catactnttc atgtgtaaga ncggggntnc acnnaatnta	480
caccacatng ggcattgtcn tcngaacaan cccaccccca acaannnnnt gtgaaggng	540
tctgggggaa accnaaagg gaaaatcctc ttccttttat gggtnataca ctgggagcac	600
aaaaaactag aaattcttnt tttgtttgn aaaaanatat ntggatnnnt tgtacaacc	660
ataanaagnn tgacaactga cttgtcggng gaagaaaatt tggaccnccg tagaaggcct	720
tttttgaaaa ttgtgggnng ntgcataata acaaatgat ggttgtccaa aaaccccaa	780
ggaaccccaa cntttgttg tggnaaantg ggagattttt ttttttttat tgacccttg	840
aaagggnntg anaaaacaaa atcatttttn tnaaaaaaaa agtanccann agggggttt	900
tggttggtt ttaccgcctn naaaaaaaaa aaaaaaaat tcnnnggggg ggggn	956

<210> 1499

<211> 992

<212> DNA

<213> Bovine

<220>

<221> misc_feature

<222> (1)..(992)

<223> n is a, c, g, or t

<400> 1499

ttnaaaaagc tggagctcca ccgcggtggc ggccgctcta gaactagtgg atccccggg	60
ctgcagggtta cccccaccc cccaacataa ggacaagtca gtttgtcagt agcttcctct	120
ggcttgaacc ccctcgattt ttatagcca cttaaccatg cataacagac aagtccata	180
tttgtcagta gatgcctttt ttttttttnc ccccnnggn ttaancctta agggccnaan	240
cnnaaaaaaa aaanncnan cggtttanaa aancnactta gggccttgga atnnaacttt	300
ggcnttggna ananattacc ttttnaggnc caaagggcc cgggnnccn cccnaaaacc	360
tttggcccg gngggggng ggggggggg catttaaaaa nannanntcc ntccatngga	420
aaaaaaatng cncctttcnt taatttaaatt ttccaaaaan ttttctttt ncctttccgg	480

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gggagccccc accccccctt tgggaangtt nttnccaaat ttggtttttt nggggaaacc 540
tgntttgaaa ttnaaaaacn tttttttttc ccaacctgaa acctttgggg gaaaaaattt 600
tgccnggggt nnggnanggn cnnnnaaaaa ggaaaaatgg naaaacgggg ganaaaaatt 660
gggnaaanaa aggggggaact ttgggaaaaa aaatTTTTTT ttttttttaa aggggggggg 720
gaagggggaa ctttaanggg ntttttaaaa aaaatTTTgt ttttgggggg nnaaaannnc 780
ccccnttnt tnntggggga attttttnaa aaaanncccc cccaanngg gggggaaaag 840
gttttnaaaa aaaaaaaact ttttnngggg ggggggaacn nnaaaaaggg ggTTTTTTT 900
nccccaaaaa aaaatTTTng gggnaaaaan aaatTTTTTT ggnaaaaaa nnttttaang 960
ggggTTTTng ccnaaaaaa aaccgggggg nt 992

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<210> 1500
<211> 953
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(953)
<223> n is a, c, g, or t

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<400> 1500
ttganacagc tggactcccc gcggtggcgg ccgctctaga actagtggat cccccgggct 60
gcagggcacc ccgtgctgct gacggaggcc cctctgaacc ccaaggccaa ccgtgagaag 120
atgacccaga tcatgttcga gacgttcaac actcctgcca tgtatgtggc catccaggct 180
gtgctgtctc tgtaacgctc tggccgcacc actggcattg tcatggactc tggggacggg 240
gtcaccaca cggtgcccat ctacgagggg tacgccctcc cccacgccat cctgcgtctg 300
gacctggctg gccgggacct gacagactac ctcatgaaga tcctcacgga acgtgggttac 360
agctttacca ccacagccga gcgggaaatt gtgcgtgaca tcaaggagaa gctctgctac 420
gtcgccctgg acttcgagca ggagatggct accgctgcat cctcctcctc cttggagaan 480
actatgagct gcccgatggc cangtgatca ccattggcaa tgagcgggtc cggtgtcccg 540
angcactctt tcagccgtcc ttcttgggta tggagtcctg gngcatncat gaaancacct 600
tcaacttcat catgaagtgn gacgtggaca tccgaaagga cctgtatgcc acacggngct 660
tgttnngggg aacaccattg taccctggct tcnttgacag gatcaaaagg aaataccggg 720
gctgggttcc aagcccgatg aaanatcaag aatcttttgt tcttcccgaa cgccaagtac 780

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ctcggggggg gatcgggang gttccattct tggccttccc tggncncct ttcaaaaana	840
aggnggggttc aacccanccc ggaantttga ccaagtnttg ggccccctcc ntttggcccc	900
cccgaaaang cctttttaaa agggactnng gaaccaana gcctttanan ttt	953

<210> 1501
 <211> 978
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(978)
 <223> n is a, c, g, or t

<400> 1501	
aaaaagctgg agctccaccg cggtggcggc cgctctagaa ctagtggatc ccccgggctg	60
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gttctatgaa aggcctccga tcattgatct tgctggacct gagctacaac caccttagga	180
aggtacctga tggactgccc tcagcccttg agcagctgta cctggagcac aacaacgtct	240
tctcagtccc cgacagctac ttccgggggt caccgaagct gctgtatgtg cggctatccc	300
acaacagcct caccaacaat ggctggcct caaatacctt caattccagc agcctccttg	360
agctgacctc tcctacaacc agctgcagaa gatcccccca gtcagcacca acctggagaa	420
cctctacctc caaggcaata ggatcaatga gttctccatc agcagcttct gcaccgggggt	480
ggatgtcatg aacttctcca agctgcagggt gctgcgcctg gatggcaacg agatcaagcg	540
cagcgccatg cccgntgacg cgccccntg cctgcgcctg gctagcctca tcgagatctg	600
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gtttggcttt tgaatggaag gtctgggaac aanaccgtgt gacaaaaggt ccatngggct	720
ctntttttaa acctnttnc ctggagggca gttttagggg gggncanggg gaaaggcccc	780
ttttttgtt gggggggaaa atgaanccct tccgttttcc aaaaaaaaaa aaanggttg	840
ggaaaaaagg ggtnaaaacc cctggaaagt cccagtccc cccgaaaant ttnntttacc	900
ccttaanggg ttttttcaaa ggggaatcca agnngccttg naaccnttg gcctnggaan	960
naanaaaaaa aaaactgn	978

<210> 1502
<211> 914
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(914)
<223> n is a, c, g, or t

<400> 1502
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ggtaaaccga agcccttgac ctcttacagg agctttgtct gccctcttaa taacatccgg 120
cctaaccatg tgatttcact ttaactcaat gaccctgcta ataattggcc taacaacaaa 180
tatactaaca atataccaat gatgacgaga tggtatccga gaaagcacct tccaagggca 240
ccatacccca gctgtccaaa aaggcctccg ttatggaata attcttttta ttatctccga 300
agtactattc tttaccggat ttttctgagc tttctaccac tcaagcctcg cccccacccc 360
tgaactaggc ggctgctgac cccaacagg cattcaccca ctaaaccccc tagaagtccc 420
actgctcaac acctctgtcc tattggcttc cggagtttct attacctgag cccatcatag 480
tttaatagaa ggggaccgaa agcatatatt acaagcccta tttatcacca tcacattagg 540
agtctacttc aactactac aagcctcaga atactatgaa gcacctttta ctatctccga 600
cggagtttac ggctcaactt tttttgtagc cacaggcttn cacggncttc cacgtcatca 660
ntgggggtcca ccttcttaat tggctggctt ctttccgcca attaaaantt cantttactt 720
ctaaccacca ctttnggttt tgaaagcccc tggcctggaa ctggaanttt cggaaaacgt 780
annccggact tttccctcta tggtnctatc caatggggga aggtcctna aaannnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnna nnnnnnnnnn nnnnnnnnnn nnnnnnaaaa 900
aangnggggg gggg 914

<210> 1503
<211> 993
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(993)
<223> n is a, c, g, or t

<400> 1503
aaagctggag ctccaccgag gtggcgggcg ctctagaact agtggatccc ccgggctgca 60

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ggcccgagcg ccgctctggc cgcaactgcgc tcgccctgag ctccgggctc ctgctaagcc 120
agcgccgctg tcgcctccct ccagtcgcca tcatgatcat ctaccgggac ctccattagcc 180
atgacgagat gttctccgac atctacaaga tccgggaggt cgcggaacggg ctgtgtcttg 240
aggtggaggg gaagatggtc agtaggacag agggtaacat cgatgactcg ctccattgggtg 300
gaaatgcctc cgctgaaggc cccgagggcg aaggtaaccga aagcacagta atcactgggtg 360
tcgatattgt catgaacat cacttgacag aaaccagctt caaaaagaa gcctacaaga 420
agtacatcaa agattacatg aagtcaatca aagggaact tgaagaacag agaccagaaa 480
gagtaaaacc ttttatgaca ggggctgcag aacaaatcaa gcacatcctt gctaatttca 540
aaaactatca gttctttatt ggtgaaaaca tgaatccaga tggcatgggtt gctctgctgg 600
actaccgtga ggatgggtga accccatata tgattttctt taaggatgggt ttagagatgg 660
aaaaatgtta acaaagttgg cagttacttt ggatcaatca cctgtcgtca taactggctg 720
gctactgctt ttcattccca caacaccagg acttanacag atgggactga tgtcatctcg 780
agctctttca ttttgttttt gaaccgtttg atttattttg gaagcggang catttggttt 840
ttgaaaaaaaa cgtgggtcntt gtaggttgnc taaaaaataa aaccgcantt taactcaaaa 900
aaaaaaaaaa aaaaaanttc gngggggggg ccgntcccc aatnnccct ttttngngng 960
gnnnnntntt ttatnnnnnn nnnnnnnnnn nnc 993

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<210> 1504
<211> 1020
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1020)
<223> n is a, c, g, or t

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<400> 1504
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tcaattggcc atttaagttt aatagtaaaa nactgggtta tgataacaat gcntcgtaaa 180
accttcanaa ggaaaggana atgtttttgt ggaccatatg ttttgngngt ggcagtttaa 240
gttattagtt tttaaaatca gtncttttta atgaaancaa cttgaccaa aatctgtcac 300
anaatttgaa acccattaaa aaaaaaaaaa aaaaacnngg gggggggccc nggccccnat 360
tnccccntat ngggngnntn ttnacannnn nnnnnnnnnn nntnnnnnn ncntntnnnn 420

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ntnnntctn ncnnnncnn ncnnnncnn nnnnnnnnn tncnncnttc nnnnnnnnn	480
nnnnntnch nncntnttc nnnnnncnn nnnnnnttc cnnntnctnt nntcnncnn	540
nnnccnnt nacctntcn nnnntcnnn nctctnann nntntnnnn ccnnnccnn	600
nctntnnng ncnannnnn ttncnnnnn cnnnnntnc tnnntnccc ttncnncnn	660
ttntnttcc nnnnccnnt ntntntnt ntncnncnc nntccntcn nntntntnn	720
nnntnccctn nntntcnan nntntcnntc tccnnnctn ncnntnnnn ttcnncntnt	780
tncnnntcn nnnnncccn nctcntnnn nntcnttnn cttntnnnn ntnnnnnt	840
cnnnnccctc nnnncnncn nctttntnt annnnnnct cnnnnntnt nntntntnt	900
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<210> 1505
 <211> 1414
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1414)
 <223> n is a, c, g, or t

<400> 1505	
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gnctncaccn cagtggcagg cacgctgctn gnancnagt ngtnctcaa ncggtcatgc	120
nctaaatgnc cgctcgagg catttttnt ctntntnac tnggcgntat nctgntccgg	180
ngcngngag gccncacct gnagaagcan cngtnntgn tctnatcaga actttnanta	240
nnccggctgt nctgnacnan nttacactng cngtgntact gcnantntnn ggcattntn	300
gantcgtcnc annctaagg atagaangnc gngtgcgtat tantgtcnt gttaatggac	360
naagtncgn cnnagggant acncggcttt angggcnggt tggannctna anccttngnt	420
nnantgnttn ggncncnate cnntgtatnn gnntccnta gtntncntcn nngntttct	480
tgnaantgn gncnatctac tnagtncggc cngggnggat anctntntna nctgtttacg	540
ctctnngacn ccgnnnnntg tcaaagtttt ggantgcctn ntactccan ncangatng	600
cgnntnnacc ncccaantnt nngtaggna cccanccng agcactntnt tntncntaa	660
nnntcaccnc gcncngnc aggtnttnn nnanangntg ggnnccnna cntnacagt	720

gatnctnaca tctgtcncca ctnccttgann ntgnncnttt gtnccgggna gnttnacnch	780
tgnggggntn aaaggnatnt tncntaccac ntgnntntct ggantggcgc ncnttacaaa	840
tctggnagtn ncgcttgngg nnaccnccag gggnaaantt nnnnnngntt gngnntnant	900
nggnaangcn cnttcncatn tnncccccg n ataccnntt tactntttcn ttttacttat	960
aantttntac tncatgann ttcaccnngn nctagcaatn anaatagngc ntanntntca	1020
ggngcnaccn gccnntgggt cgantctntc annatatgc tannantata tntcngcana	1080
nncttctngc ggaaacntat cggcgcgnnt nannntgta tctncntnnn canataactc	1140
tnagttgcng tgcngngtnn tgttanncta natnnncngt gtaaatnnch gncantccn	1200
ntggtncctg anggtcttng agtacaacta ntgcnnngt tngcttggac gttctcnch	1260
tannnctgta gnanaanntc gcagntantn nttnanacnn gtataganaa ttactcncat	1320
tatcgnntna nnnatngana ttingtngtnc gtctnnntan attcgangan tnttgcanh	1380
ttntntnata natagacgat agngtnanga gtcn	1414

<210> 1506
 <211> 987
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(987)
 <223> n is a, c, g, or t

<400> 1506	
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gcaggaantt cggcacgagg cctggagcat gaagcccga actgcatgaa ccgctcaaaa	120
caggctttca cgtgctctgt gtgccaggaa acgttccgcc gnaggatgga nntgcggng	180
cncntggngt ccnanncggt gnaaanncct tacaagnnt cntcntgttc cnannantta	240
ntncaaaaaa nggacnngca aannccnnntn atnaacttgn ncgnaccccc nancccatn	300
nctngnccaa cngnncnch ngnnttctng tccngancgn acttgnactn gccagggtt	360
naancacnt gngggagaaa tgtttggtg ccaagagatg cgcggcacac ngcatctagc	420
cccgnatgtg gnttggnata tgcattctag gccagcaca cagagacgag agnggcatan	480
actgtgtgag anttttngan acncnctttc acanaaagg cntatctaaa tgtgcntgtg	540
cacacgcaca ngggagaaaa nctttnacng gncnntntt gggaaaagat tttgcaccaa	600
nanagagttg tggaaaaaca cacgcgccn cacnggcgag aagacctttt tcatgtgaga	660

tttgtgagaa cgctttttcan aaaaagnggg ccttcttcat gaaatgttgt ccancncccc	720
cnccaacaag gnggngcccc cncttntttt agnanaatgt tgggaagaaa ctttttanat	780
tgggtggagga aacttcttcn tccncctnaa ngaaanaaaa caacgggggg ggangnaagg	840
aaccnncngg ccccncaatt gatgggttac naannnannc ccccgccngg ggccccccct	900
tcctgggggg ggggcnnnga nganacattc ccccgggcng gggggnaaaa aaaaaccncc	960
cnnnngggnn aannnttntt tnaattt	987

<210> 1507
 <211> 987
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(987)
 <223> n is a, c, g, or t

<400> 1507	
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gcaggaantt cggcacgagg cctggagcat gaagcccga actgcatgaa ccgctcaaaa	120
caggtcttca cgtgctctgt gtgccaggaa acgttccgcc gnaggatgga nntgcggng	180
cncntggngt ccnanncgga gnaaanncct tacaagnnt cntcntgttc cnannantta	240
ntncaaaaaa nggacnngca aancnnntn atnaacttgn ncgnaaccccc nanccccatn	300
nctngnccaa cnnngnncan ngntttctng tccngancgn acttgnactn gccaaagggtt	360
naancacnt gngggagaaa tgtttgtgtg ccaagagatg cgcggcacac ngcatctagc	420
cccgnatgtg gnttggnata tgcattctag gccagcaca cagagacgag agnggcatan	480
actgtgtgag anttttngan acncnctttc acanaaaggg cntatctaaa tgtgcntgtg	540
cacacgcaca ngggagaaaa nctttnacng gnccnnttnt gggaaaagat tttgcaccaa	600
nanagagttg tggaaaaaca cacgcgcccn cacnggcgag aagacctttt tcatgtgaga	660
tttgtgagaa cgctttttcan aaaaagnggg ccttcttcat gaaatgttgt ccancncccc	720
cnccaacaag gnggngcccc cncttntttt agnanaatgt tgggaagaaa ctttttanat	780
tgggtggagga aacttcttcn tccncctnaa ngaaanaaaa caacgggggg ggangnaagg	840
aaccnncngg ccccncaatt gatgggttac naannnannc ccccgccngg ggccccccct	900
tcctgggggg ggggcnnnga nganacattc ccccgggcng gggggnaaaa aaaaaccncc	960

cnnnnngggnn aanntttntt tnaattt

987

<210> 1508

<211> 985

<212> DNA

<213> Bovine

<220>

<221> misc_feature

<222> (1)..(985)

<223> n is a, c, g, or t

<400> 1508

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gctgcaggtt acaccccacc ccccaacata aggacaagtc agtttgtcag tagcttcctc	120
tggcttgaac cccctcgatt tttatagccc acttaaccat gcataacaga caagtcccat	180
atttgtcagt agatgccttt tttttttttn ccccccnng nttaancctt aagggncnaa	240
ncnnaaaaaa aaaagncgna nccgnttann aaaccnactt agggccttgg aattnaactt	300
tggcnctggg antaacttac cttttnagnn ccaaanggcc cccgggagcc tccccaaanc	360
ctttgncccg gggagggggn gggggggggg gcatntaaaa anaaganntc ctttcattgg	420
gaaaaaaatn ggcccttttn ttaatttaaa ttnccaaan attttctttt tccctttncg	480
ngggngcccc caacccccct ttgggaaaat tgttgccaaa attgggtttt tggggaaacc	540
tgntttgana ttnaaaacct tttttttttc ccacccgaac ctttggggaa anaaatttgc	600
ccggggttcg gggaggggnc caagaaagga aaactgccaa aaccgggnan aaaaattggg	660
aaanaaaggg ggaccttttg gaanaaaaaat tttttttttt tttaaagggg gggggaangg	720
ggaaacttaa angggccttt tnaaaaaatt tgtttttggg ggcaaaaann ccccccntt	780
tttttttggg gaactttttt aaaaaannnc cccccnaaa ngggnagnaa aaggntttta	840
aaaaaaaaa acttntnggg gggggggaac nnnaaaaggg ggtttttttt tccccanaa	900
aaanattttt ggggnaaaaa aaaatttttt ttgggnaaaa aaancnttna angggggttt	960
gggnnnnaaa aaaaaccggt ggggt	985

<210> 1509
 <211> 1054
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1054)
 <223> n is a, c, g, or t

<400> 1509
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 ctgcagggtta aggaagtcag cacctacatt aagaaaattg gctacaaccc cgacacggta 120
 gcatttgtgc caatttctgg ctggaatggt gacaacatgc tanaaccaag tgctaatatg 180
 ccatggttca agggatggaa agtcacacgc natgnctggc nttncnannn gaancncnnt 240
 gcttgaacct ntngattgct ttatggcagn aactggcccn atnnacaaac cnttntgttt 300
 gcntctccag gattnctata aatttggttg gnatnggnac tgnncttgtg gttctgngtn 360
 taganatggt gttttnaaan ctggcatggt nggncacctt tngctccaan aactgtanca 420
 nctgnagctg aaagntttta ngaantgcnc catgaaaaca ntgagtganc cccttggntg 480
 tggactatgt ntntcttata ntngnnaaaa aacgngnnnt ttcaacanat ggnccgaant 540
 nnnnannntt tgcttntna tcnгаааааа nttatncanc ccnntngnaa cctngnttgn 600
 cttcnngnn ttnagcggnt tatttntgaa accattntt gggnatttt anntggntgg 660
 ttnnnttccc ccctagnngt tgggantngn cactacnngc ttnncattcn cnttnnaatg 720
 ttntgnnttg agnttnaagn ataaanaatt gantccnttt ttntnngna aaaacagant 780
 ttgaaagaaa tgggccttat nttnctntnn aaanctngnt ngacaccnc ccttntctc 840
 ttntnttgn tctngtgat ntccnactt cntcnngng catnannttt cnttntctt 900
 ntncntccc gtgnnncctc nntnntctat nntgacctcc tcnattggaa actacnctct 960
 tacnntcttn ttattagcnc tattatnagt nttgtgtcta ntntctancg cgtttttgag 1020
 attactngna atttcttnc nnactnnttg tcct 1054

<210> 1510
<211> 941
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(941)
<223> n is a, c, g, or t

<400> 1510
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caggaaaaaa gtcagaagta gcagtggcac catgggttga tagtaatgat gaagaaacaa 120
ttcaacaaca aatcttggcc ctgtcagctg acaagaggaa ctctctcgt gacctccag 180
ccgggggtgca gtttaacttt gactttgatc agatgtatcc cgtcgcactg gtcatgctcc 240
aagaggatga gctcctgagc aggatgagat ttgacctgt tctaaactt gtgaaggaga 300
acgtgttttg gaggaactac ttctaccgtg tctccctaata taagcagtcg gccagctca 360
cagccctggc agcccagcag caggctgctg ggaaggaggga gaagaaccac ggcagacaga 420
atgagttgcc gctgacagag gcagtacggc ccaaaacacc acctgtcgta atcaaactc 480
agcttaaaac tcaagaggac gaagaggaga tttctaccag cccatgtgtt tctgagtttg 540
tcagtgatgc ctctgattcc tgtaacttag atcaggaggga tctgaggaag gaaatggagc 600
agctggtgct ggacaaaaaa gaggagggga cagtcgcact ggaagaggat tctgtagatt 660
gggagaaaaga actacaacag gaacttcagg aatatgaagt ggtggcagaa tcagaanaaa 720
cgagatgaaa acttgggata aggaaataga ggaaatgctt gaaggaggaa aaataaactg 780
tttgtttctt gaaanaaaan aaanaactgn aacctgcct ntaactggca tttaaatttn 840
tanagttgan aactcnctga aatcaaaagg ggccaangga atttacnttt ntaaaattca 900
aaattttttt gtttttnagc ctgnaacntt gccttttttt n 941

<210> 1511
<211> 931
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(931)
<223> n is a, c, g, or t

<400> 1511
ttnnnnaaag ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atccccggg 60

ctgcaggaat tcggcacgag gccgagcgcc gctctggccg cactgcgctc gccctgagct	120
ccgggctcct gctaagccag cgccgctgtc gcctccctcc agtcgccatc atgatcatct	180
accgggacct cattagccat gacgagatgt tctcccgaca tctacaagat ccgggaggtc	240
gcggacgggc tgtgtctgga ggtggagggg aagatgggtca gtaggacaga gggtaacatc	300
gatgactcgc tcattgggtg aaatgcctcc gctgaaggcc ccgagggcga aggtaccgaa	360
agcacagtaa tcactgggtg cgatatgtc atgaaccatc acttgcagga aaccagcttc	420
acaaaagaan cctacaagaa gtacatcaaa gattacntga agtcaatcaa agggaaactt	480
gaagaacaga gaccagaaag agtaaaacct tttatgacag gggctgcaga acaaatcaag	540
cacatccttg ctaatttcaa aaactatcag ttctttattg gtgaaaacat gaatccanat	600
ggcatggntg ctcttgcttg gactaccgng aggatggggg aaccccatat atgaattttt	660
tttaaggatg gttaaaaaat gggaaaaatg ttaaccaaag ttggcagtta cttttggatc	720
aatcacctgt cggcataact gggctggggt actggttttt attcccccca acaccnnga	780
cttaaaacag aanggggaact ggatgncant ntncaagcct ntttantttg nttttgaaac	840
gttgaattta ttttgggagc gggngggcnt ttggtttttt ganaaaaaac ggggtcatng	900
ganggttggg cttaaaaaaa aaaaaccct t	931

<210> 1512
 <211> 1056
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1056)
 <223> n is a, c, g, or t

<400> 1512	
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ncatctcctg actccatgat tgcattgctg ctattacatg ncccctgtga ggnagtcaen	180
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tgntcngncn tngagtagna accacatgcc caatgnntca tagccctggc tannagaaca	300
nngacgacct gngccaanan aggacctttt ctnacgtgat ntnaggaggg cagggnntcg	360
anactttcta tatntatag cacttgtnn gttgcctctg ctacactnac ngaatatnaa	420
aantnnatcn gtgngagnga aagtcngctc gnatngnatt cnttgattga tcangtnatt	480

tgggctncat cccttgnaan taangagctg tgctatcntt gtnchnactgt ntttacanac	540
nnaatancna tctgttnnnc cggnatgccn gcattatttt tgaatnaaan ctntnnttnn	600
canntngntg gatccngact ncnngcggnnc gaaccnnntt gnantngctn taatgcggga	660
ntgtnttagc caaaaantnc gggnttnant cntctttatt tcttnnaccg cttnggancc	720
tngttgcctc tatggctntt tgnntgncaa cnncaacnac atnacctntt ttnttacntn	780
tccgngacnc ctttnnnnag attnaccctn gtncctcngnn aanntaatt tcatncnaat	840
ttnttccctt tgaagcctt nttttgcnac cccctttggn anggcnnntn gnttncnccn	900
ngaaaatggn angtcnntcn ggacccccaa aataactaaaa aaantggtgt gnactgtttc	960
tatctaactn ntacagnatc cctttttgag angcgnnnac cggcaannnn gntcncnct	1020
tttatgaacn ntggattntt ttggcnntta ntggct	1056

<210> 1513
 <211> 990
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(990)
 <223> n is a, c, g, or t

<400> 1513	
ncctatnngg agnnnnnatnn cagtggcggc cgctctagaa ctagtggatc ccccgggctt	60
gcaggaattt cggnnccgagg gccgggcctc tcagaaacat cacatatcac tngcaagaat	120
agcattgcat acatggatca tgccagnngn antgtaaana angccttgaa nctgangggg	180
tcaaangaag gtgaattcaa ggntgangga antancaa at tcccntnccc agttntggag	240
gatggtngcc caaaacacac tggggaangg ggcaaaacag nnttccagta tcaaacnccc	300
aaggccgtca aactacctat tgnaaatatt gcnccctatg atatcggggg cctgancaaa	360
aattnggggn gnacnttgcc ctntttgntt tttataancc aaactntatc caaagtccca	420
naaaaagctt cacacnccat atgncccttn tgctcnaatc ntggccccag nacaagtgc	480
caagtnccag ttnttttttc cctganatcg aggggtctcaa aggccaagag ggcttccctg	540
gnggctgnca tctgntgact ctgaacagnng tggagagatg gctgttaaag atctcacgcc	600
annctggccc cntctggacg cctntctgaa gaacccccac angacatggc gcggttctgc	660
gcgaanacca ngncattatga atgtcccgcn ccccgngncc tgaangancc cccccacaag	720

aaanctgttg ganngcgaaa aaanccctgn tgtntttttn natccccaaa attntttttt	780
ccccccanaa ccnccggtng cntnnggggg gngggatttn cttcttccta aannnncccc	840
ttgnttttaa nacnannccn nggccccggt ttttttnnnc cgancnaann nccanggggt	900
tggggtnnna aaaaaaaaaac ccnccccnn nanggggnng ctnggggncc cattcttttt	960
nnccccnnnn aaaaagaaaa ggntccncct	990

<210> 1514
 <211> 933
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(933)
 <223> n is a, c, g, or t

<400> 1514	
gccctanctg gagctncacc gcggtggcgg ccgctctaga actagtggat cccccgggct	60
gcagggtcaa catgactgac aatgatctta tcaatattct tgaccctttt tatcatcttt	120
caactaaaag tttcaaaaca caacttttat cacaatccag aactgacacc aacaaaaata	180
ttaaaacnaa acnccccctg ggaaacaaaa tgaacgaaaa tttatttacc tcttttatta	240
cccctgnaat tttaggntct cctntcgtaa cccttatcgn actattccca agcctactat	300
tccaacatc aaaccgacta gtaagcaatc gctttgnaac cctccaacaa tgaatacttc	360
aacttggatc aaaacaaata atgagtatcc acaattctaa aggacaaaca tgaacattaa	420
tattaatatc tctgatccta tttattggat caacaaacct actaggcta ttacccatt	480
cattcacacc aacaacacaa ctatcaataa acctaggcat agccatcccc ctgtgagcag	540
gagccgtaat tacaggattc cgcaataaaa ctaaagcatc acttgcccat ttcttaccac	600
aagggaacacc cactccacta atcccaatac tagtaattat tgaaactatc agccttttta	660
ttcaacctat agccctcgcc gtgcgngnga acagctanca tcactgcagg acacctatta	720
attcacctaa tcgggaggag ctacacttgc actaataagc cattagcact acaaccagct	780
cttaattaca ttcaccattc taatcctact aaccaattct agagggtgca gtagcttata	840
attccaaggc ctatggattc acctcttcta agtcaggncct tattntcttg cttggacaac	900
cccctttnnn nnaaannnnn nnnnnngnnn ngc	933

<210> 1515
 <211> 964
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(964)
 <223> n is a, c, g, or t

```

<400> 1515
nnntatntgg agctncaccn cngtggcggc cgctctagaa ctagtggatc ccccgggctg      60
caggnnncna tgacnactnt gntgttntna tngtctgang cnnntntccgg ggtgnnnnnn      120
ttntntttac ttacnngtan ccngncccc cntccngtgn ngggtggcct nccccanaaa      180
tngccnattt ttnttngggg ccnaaaaggg ncannnggna taaangccan ntnnntgnca      240
ncttggnaaa aaacaaggtn nacctttnnn ccttgaangc ctggaanccn gnncccttttc      300
cnnccnccng gacnttgnca aaanntggng aanacnnggn tnttaaaatn gnaatgnact      360
gcnccccntt nanngttaaa gggnggacnt aattntnngt tgtgtctcna ctttatacac      420
nccncattta taggccgggg cncntncaca aaaccccggg nacagggngn gagggccnca      480
natnccccgn gcnanantca cacactcccc cctttgnatn natgggcana tgntgtgttt      540
cctntccnng tgcgcnagtg catgtgcncn cntctntata taccntggct cnannaggtg      600
gcnnatnan aatttatnac cgtttttgna tngacaatg tngcagnaan ntactgctgn      660
ttatcagact gcttgtgggg gcnncaanaa tcatnttact ctngngaccc cccgangaac      720
aggggggggg ccccttctct ttnattnttc ttngggaggg cnccttntt nntttaancc      780
ncccccttc attnnnanna anttngngnc nntaanaaaa aaaaaaaaaa annngggnggg      840
gggggggggg ggggccccct tccntccctt ttttcccn nttntttta tagntggggn      900
nanaagaann tttcntnga anaaaaanac ccnnanngg nganananac nntttnttt      960
tttc                                                                 964
  
```

<210> 1516
 <211> 964
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(964)
 <223> n is a, c, g, or t

```

<400> 1516
nnntatntgg agctncaccn cngtggcggc cgctctagaa ctagtggatc ccccgggctg      60
caggnnncna tgacnatcnt gntgttntna tngtctgang cnntntccgg ggtgnnnnnn      120
ttntntttac ttacnngtan ccngncccc cntccngtgn ngggtggcct nccccanaaa      180
tngccnattt ttnttngggn ccnaaaagg ncannggna taaangccan ntnnntgnca      240
ncttggnaaa aaacaaggtn nacctttnnn ccttgaangc ctggaanccn gnnccttttc      300
cnnccnng gacnttgna aaanntggng aanacnngn tnttaaaatn gnaatgnact      360
gcncncntt nanngttaa gggngacnt aattntnngt tgtgtctcna cttatacac      420
nccncattta taggccgggg cncntncaca aaaccccggg nacagggngn gagggccnca      480
natnnccgn gcnanantca cacactcccc ccttgnatn natgggcana tgntgtgtt      540
cctntccng tgcgcnagt catgtgcncn cntctntata tacntggct cnannagggt      600
gcnntatnan aatttatnac cgtttttgna tngacaatg tngcagnaan ntactgctgn      660
ttatcagact gcttgtgggg gcnncaanaa tcatnttact ctngngaccc cccgangaac      720
aggggggggc ccccttctct ttnattntc ttngggaggg cnccttntt nntttaancc      780
ncccccttc atnnnanna antngngnc nntaanaaaa aaaaaaaaaa anngggnggg      840
gggggggggg ggggccccct tcntccctt ttttccna nttntttaa tagntgggn      900
nanaagaann tttcntnga anaaaaanac ccnnanngg ngananaanac nntttnttt      960
tttc                                                                 964

```

<210> 1517
 <211> 1049
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1049)
 <223> n is a, c, g, or t

```

<400> 1517
ttgaanaacn ntctggagct ccaccgcggt ggcggccgct ctagaactag tggatcccc 60
gggctgcagg aattcgncac gaggcnttan tacaggntcg gtctncttgc catnntcttg 120
ggtctgcntn anaccatta ggttnanata gancacttac acgngnntaa cctatgccnc 180
cnntatnttt nacancnnnn cntacttctn tngnccccgc tncognataa ncttttcggc 240
cttttcccca gtggncagca ccttgnanct ttcnngncgg cctgngcncc ggcntnanen 300
tggatggaaa cnacggtggg ggccccctgt ttggggggca ttacaactgt ttccgttaac 360
ccaaagcctg gttgaccccc nttaagctgg anggggaatn ccnanatcca nggccgnccg 420
nccccangnn aaggganccn attaatgacc ccttnnanaa naaaatttnn ccttctttat 480
tgganaaaag gggccgggtn cctnggnncn nncanaaacc aggnTTTTtg ganaccnaan 540
tggaaacctt tcttncannn ncnangaaaa actnggcccc gaannaanat tanaannatn 600
tttnttttgn naanntnca ttaaacaacc ttccnnttg ggngntggaa aacttttggc 660
ccnognagaa aacnttaaaa ttngnaantn nnaaactttg tgaaaaantn ntnggggnet 720
tngggggggg accttctann nanccaantt ttngggggtt naaatcccca aancccncc 780
nanaccnttg gnaaaaaggn ntnttnana atnaaaaaaa ngnnnnnnna naaaacnttc 840
tnnnnaaacc ggggaaacnt nnnnannccc cccctnnnta aaggcctcnc ccnnnnnnnn 900
tnnnnnnttt taaaaaangn tttttttttg taaaaatnnn nnnnnnnnnn natchnnnt 960
tttnaanntt tntgaccncc tcccnngggg nttctcttct tttgncaaaa nancaccnt 1020
ccnnnggnet tnngangng ncnttttct 1049

```

<210> 1518
 <211> 968
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(968)
 <223> n is a, c, g, or t

```

<400> 1518
ttnaacaana gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg      60
ggctgcaggt taaggaagtc agcacctatt taagaaaatt ggctacaacc ccgacacagt      120
agcatttgtg ccaatttctg gctggaatgg tgacaacatg ctagaaccaa gtgctaatat      180
gccatggttc aagggatgga aagtcacccg taaggacggc aatgccagtg gaaccaccct      240
gcttgaagct ctggattgca ttctgccacc aactcgccca actgacaaac ccttgcgttt      300
gcctctccag gatgtctata aaattggtgg tattggtact gtccctgtgg gtcgtgtgga      360
gactggtgtt ctcaaacctg gcatgggtgg tcacctttgc tccagtcaat gtaacaactg      420
aagtgaagtc tgtagaaatg caccatgaag cattgagtga agcccttcct ggggacaatg      480
tggctttaat gtcaaaaacg tgtctgtcaa agatgtccgt cgtggcaatg tggctggtga      540
cagcaaaaat gatccacca tggaagctgc tgcttcacag ctcaagtgat tttttgaac      600
catccaggcc aaatcaagtg ctggatatgc acctgggctg gattgtcaca cagcttacat      660
ttgcttgcaa gtttgcttga actgaangaa aaaaattgga tcgtcgntct ggggaaaaaa      720
ctggnaanaa ggnccctaaa attnttgaaa tctgngnacn cttgccatcg ntggaaatgg      780
gtncctggcn aancccttg gngggcnaaa aacttttttt taantatncc tccccttggg      840
nccggttttt gcttgggccg ggaaattgaa aaaaaaaaaa ncnnntgggg gggnggnaat      900
nnaaanncnn nngggacaaa aaaaggcnan nttggaaact tggcnaaggg cccccaaant      960
tttgccca .                               968

```

<210> 1519
 <211> 970
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(970)
 <223> n is a, c, g, or t

```

<400> 1519
aaaagctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc      60
aggttaagga agtcagcacc tatattaaga aaattggcta caaccccgac acagtagcat      120
ttgtgccaat ttctggctgg aatggtgaca acatgctaga accaagtgct aatatgccat      180
ggttcaaggg atggaaagtc acccgtaagg acggcaatgc cagtggaacc accctgcttg      240
aagctctgga ttgcattctg ccaccaactc gcccaactga caaaccttg cgtttgcttc      300
tccaggatgt ctataaaatt ggtggtattg gtactgtccc tgtgggtcgt gtggagactg      360
gtgtttctcaa acctggcatg gtggtcacct ttgctccagt caatgtaaca actgaagtga      420
agtctgtaga aatgcaccat gaagcattga gtgaagccct tcctggggac aatgtgggct      480
ttaatgtcaa aaacgtgtct gtcaaagatg tccgtcgtgg caatgtggct ggtgacagca      540
aaaatgatcc acccatggaa gctgctggct ttcacagctc angtgattat tttgaaccat      600
ccaggccaaa tcagngctgg atatgcacct gtgctggatt gtcacacagc tcacattgct      660
tgcaagtttg ctgaactgaa gganaaaaat tgatcgtcgt tctgggaaaa agcctggaan      720
atggnccccta aatttnttga aaattggggg acccctgcca tcgttgata tgggtcctgg      780
gcaaagcccc attgtgggtc gnaaagcntt nttttgaatt atnccccccc ctngggcccg      840
tttttggttg ggcgtgaaaa tggaaaaana aaaaanntnc nttttngggt gtctttaaaa      900
accgggggga aaaaaaagg canctttggg accttggnaa aggnncnccc aaattttgnc      960
ccaaaaaaan                                     970
  
```

<210> 1520
<211> 921
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(921)
<223> n is a, c, g, or t

<400> 1520
ttnancaaaa ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atcccccggg 60
ctgcaggaat tcggcacgag gccgangtcn nacgcgcgag gctgctctgc cgccgctgan 120
atgcgtnacg ttgcctccta cttgtnggcc gccctcnggg gcnactcctc ccncanngcc 180
aaggacatna aaaagatcct ggacagtgtg ggcatctagg cagacgacga tcggctcaac 240
anggnecatca nngagctcca cggaaagaac atcnagggac gtcattgctc anggtatcgg 300
caagctggcc agtgtgccgg ctggtggggc tgtggccgct tncgntgccc caggatcggc 360
agcaccgct gngggtnctg ntccagccgc agcagangan aaganngang agaanaagga 420
ananccggag gagtgagatg atnacangg nttcggctng ttgactana gtcccgtcc 480
tctgcacana aaacnntttt tatgtaggan acttattaca nnannnnntt ggggggggnc 540
ccaaccnnc cattacnnta ttggnctgtt ttanaaannc cnnnnanncc nnnnngtggg 600
ngnccnnttn ccaantcann nccnaanggg gatgnnttn nccnnnnnn ngnnntttt 660
nnnnangnng nnnnnnnnnn ngnnnnnnng nnnnnnnnnn nnnnnnnntt nnnnnnnngg 720
ggnnnnccnn nnnnnnnnnn nnnnnntnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn n nnnnnnnnnn 921

<210> 1521
<211> 998
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(998)
<223> n is a, c, g, or t

<400> 1521
ncaanactg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct 60

```

gcaggaattc ggcacgaggg tcatgcaggc cctgctgggc ccgcagtccc tgccctcggac 120
caaggaggag aagcacaagc cagcccccca ggaggactcg gtagctgcca gcaagcaagc 180
ttccccagcc cccaacatca gcagcggctc ccagaccccc cggcggaaaa agtcgccgtg 240
atctgtcagc cacatgtcct tagaggggtca gggtcgcgct tgccctctggc tctctgccac 300
aggagggccc agccgccgtg ccttagccag ctgccatgca gacgcaggtc aggggtgctgg 360
cctgtggggg gcgccagccc ttctgcttca agggcatccc cccacccccca ccacgtccgg 420
tcccaggaca ccctctgacc tgctcgacgg cccaggaggc ccatgtgtga cctggcaatc 480
ggggaccctt gctctctgcc cccacggcag gggtcgagt ctgagcccca accccggctc 540
ctgcacacgg ggtggaggta ggggtgggatg aggctgacct gctggggaaa aggagggaag 600
acgccccaa gttctcctcta cagcagcctg tctgcggtcc ggatccgtga accaataaag 660
gcaattgtgt ctgaccaaaa aaaaaaaaaa aaaaaaaaaa nttggggggg ggggccgggn 720
cccaattncc cctttannng gngnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 960
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnc 998

```

```

<210> 1522
<211> 1004
<212> DNA
<213> Bovine

```

```

<220>
<221> misc_feature
<222> (1)..(1004)
<223> n is a, c, g, or t

```

```

<400> 1522
nnnanctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgg 60
cagggaaaag gtngaagatc tccagcccga attcatagag attggtaatc aaccanaggt 120
tcacgagcag acatttgact gcttacctat ccagacattc tctgggtctcc ctaaactctga 180
accacacca tggatgattt tgaacgtcgc anagaactca gaaggcaaaa gcgagaagag 240
atgcgtcttg aagcagaaag aatcgcctac cancggaatg acgatgacga ggaagaggcc 300
gcccgggaac ggcgcgccg cgcgcgacag gaaaggctgc ggcagaagca anaggaagaa 360
gccttggggc aggtgaccga ccagggtggag gtcaacaccc anaacagtgt gcctgacgag 420

```


gaggtcaaga caaccacgac caacactcag gcggaggggcg atgatgaagc ttgctctnct	480
ggancnactg gctcggcggg aggaaagacg ccaaaagcgc ctccaggaac cctggacgac	540
agaaggagtt tgaccacaaa taacagatgc cagtttgtcn ctctncacan aagaatgcca	600
aaccacncca cagacaatga aacngcggaa aaggaaggaa naantgaaag tcccnggaaa	660
aggcaggacc tggaagnaaa ccganatact cccccngtcn cccacaaaa atggattggg	720
atggaacccg gnanaaaaaa nnnnnnnncc gnnntcttt ttnnncnnnn nnnnnnnnnn	780
ncttgggggg ggggggccc naccnnt tcnttttttt ttnnnggggn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnngn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnc	1004

<210> 1523
 <211> 1350
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1350)
 <223> n is a, c, g, or t

<400> 1523	
nnccccggc ncntagtent tntcactcnn nnnnaccnch nttnnagccc ctatagtgga	60
ggttcgtatt ncntgggcag gncgctctag aactagtggg tccccggggc tgcaggcntt	120
tctcnnccca ngnttttttn tttttttcct nctntgctct ccnngncnnt tacctcnggg	180
ggcctncccg ctencncntt ctttgttcca cactttntng ctacgcntcn gncngntcnn	240
nnctcgcnng cctgccnct ccccgtnnc cttgntntn atactnntn tanttgtten	300
ccncncgccc ncttctcgc tcttctntac tttcnttnac gaccnnccct ccngntctna	360
ntcgtncctn ngcnngnnn gcncctcngn nttttctnct ncnttcncgt gtngtncccn	420
atcctcctg ggctcttnt ctngccgnet ccgcagnna ccnntnnann ctncnnttn	480
cccgggccc ccnncngtc tctcttcna annttcngcg ggnctcgnnt ngnggtcgat	540
nngcctcnn ntctncgntg tengctctn ncgttntgng ncctncntn ngccgcccct	600
gcnnccncc nntgccacc cntngacnn ccnctgnnn tntcctnctn tncggttnct	660
angtntnnc cctatctncg ggnnnttna ttntnncng cncnncnnng nnngtccna	720

nnetgcgtgg ntencgncgt ntccccgna ttttgnengn ntntnccccn ctntanggnt 780
nntcgggcct nccactnatt ttctnntcnn ntngtnnecat nncntntccc cccctacnnc 840
nnactnntng cccntccctc cgggtncctc tttnaaannc tntactntn cncctctctt 900
ncctccttcc nnetccccct ctactctctc cganttagtt tatnccctcn tngactntt 960
ctgctcnnnn ncttgnnecat nctttgnttn ttctgactga cangcccgna gctttgtttc 1020
attnngcct ntatnattcn nctcgtgnnn tcanccgncc tntctcatct gctnntncgc 1080
ctanctcgtg nctatnctc ccaactcnanc cctactctt cncctncgtt atccccgnch 1140
tagtcccgna cttattgnct tcntttcctn tncctnntt cancgtnchn natchcttnc 1200
ttctntntna cncagtcctc tntactgtc tcntnccctca gntcctntnc attentcggn 1260
gtntcctctt cncctttggn tacatccttn tgcnccctncc gngcncatng cctcnttctn 1320
tantntcct gctgactata nccccccccg 1350

<210> 1524
<211> 984
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(984)
<223> n is a, c, g, or t

<400> 1524
gcctatanng agnngnatta cagtggcggc cgctctagaa ctagtggatc ccccgggctg 60
naggaanttc ggcacgaggg tcagagccag gtccattttt taaaagggnag ctggcngctg 120
taatnacaaa ncnttttnan ggaaanggna cctaaaantn ncttnnnccct tgntngtggn 180
ttttnttnaa aacnttnacc nttnaagggg naannnangg nnnnanaang ggnctttnnc 240
ngttgggnnn ataacnnnac ataantgaac cctngngcnc nnganccaat gnaacngggg 300
gccanccncc tngacacacc ggaagaagcn tnaactngag acaccggag agaaccctta 360
cctgcgcagg gacntataga tntgtntgca caganattta tanaagagan ctngagggg 420
ganataanta aaangcgtgg ctncatgcn gngctntaag atngggactc ncnatctgat 480
nccncaggga gctctatatn gcnccactn tncacgtgtg nttnncaanc ctctatatgt 540
nccntance ncgcgcctcn tnatcaatnc acacaatggc atttttgtgg gggcaaattg 600
ttntttanaa ataantctc cacacccac cccatatat taggtggaat aataatctcn 660
aggtggtgcc cctttttccc ctngtngccc cccananaag gaggaagata nnataattgg 720

gnctnggaat nanccatccc cctgaacntc ctggtttttc cncnaaanaa ctaccactt	780
ggnggaangt tggcaagcct tccccttnnn ttnccttgctg gtnnaaccct ggccgttgcc	840
cnnccaacct tatttttctt ccccccaaaa gaaacttgan ttganccttt gtttgngngg	900
gccngggggn cngnaataaa aaacccaacc cntttcttnt ttttccaccc ncccccttn	960
aangggaaaa agngcntcc ntcc	984

<210> 1525
 <211> 984
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(984)
 <223> n is a, c, g, or t

<400> 1525	
gcctatanng agnngnatta cagtggcggc cgctctagaa ctagtgatc ccccgggctg	60
naggaanttc ggcacgaggg tcagagccag gtccattttt taaaagggnag ctggcngctg	120
taatnacaaa ncnttttnan ggaaanggna cctaaaantn ncttnnnctt tgntngtgnn	180
ttttnttnaa aacnttnacc nttnaagggg naannnangg nnnnanaang ggncttnnc	240
ngttggggnn ataacnnnac ataantgaac cctngngcnc nnganccaat gnaacngggg	300
gccanccncc tnangacacc ggaagaagcn tnaactngag acaccggag agaaccctta	360
cctgcgcagg gacntataga tntgtntgca caganattta tanaagagan ctngagggg	420
ganataanta aaangcgtgg ctencatgcn gngctntaag atngggactc ncnatctgat	480
nccncaggga gctctatatn gcnnccactn tncacgtgtg nttnncaanc ctctatatgt	540
nccntancc ncgcgcctcn tnatcaatnc acacaatggc atttttgtgg gggcaaattg	600
ttntttanaa ataanntctc cacacccac ccccatatat taggtggaat aataatctcn	660
aggtggtgcc cttttttccc ctngtngccc cccananaag gaggaagata nnataattgg	720
gnctnggaat nanccatccc cctgaacntc ctggtttttc cncnaaanaa ctaccactt	780
ggnggaangt tggcaagcct tccccttnnn ttnccttgctg gtnnaaccct ggccgttgcc	840
cnnccaacct tatttttctt ccccccaaaa gaaacttgan ttganccttt gtttgngngg	900
gccngggggn cngnaataaa aaacccaacc cntttcttnt ttttccaccc ncccccttn	960
aangggaaaa agngcntcc ntcc	984

<210> 1526
 <211> 1000
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1000)
 <223> n is a, c, g, or t

<400> 1526
 ttnanaacag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa tnnnncacna nganntggnc ctgannccan cncgccanng gnnnttang 120
 ggtnggcccc aaactnggng tgncaanatt ttcttaatct gancttcaaa nncctactgg 180
 gtggaagccc taangccgat atgacaaggt gccttcccct atctggaact tggactntaa 240
 cctncatacc gcntttgtnt ntncncggac cctgntggnn gacanctcna ctgacacgnt 300
 gggacnctga tggtgatngc ctgactccca aatcncctnc ccttcnctta tgnaaagtgg 360
 tggnaacaaa aaancaantt gccnggnngg ggngaggaaa ccacaangnc ctgaacnaag 420
 gaanggttcc ttgncaaggg ntggcnnaag gccgnttttg nacnttctan tagnnntnac 480
 tttnttant tcaccnggtc acttantgga ttaattaaag gcctttatnn nnctngnaac 540
 cntncggant tcattcattt cangnacngt ttaatttggn taancntata ngcatgggga 600
 ggcnnгааат aggggacnct ngggttnana naaaaagaan aaaacccaac cccccctgcc 660
 cccccctttt ttntgaatcn aaattnttca agggggaatg gngggngaaa aaacntttta 720
 ntngngcccg gcnnactttt aaatggnaaa anggggggaa cctttaanac cccccggcc 780
 cctgggggaa ancccccttt aaatcttttc ccngttggg gatnccanag gcttttttg 840
 ggctnttttg ggggggaaaa agaaaaaaaa ttnccccggg ncccttnccn ntccntttg 900
 cccgttttta aaaaangggg ccntngggcc ctttggttaa aaaatttccc ccattncntt 960
 ttnccccct aaanccatt tgngnccac ccccttgngn 1000

<210> 1527
 <211> 967
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(967)
 <223> n is a, c, g, or t

<400> 1527
 ttnanacaaa ctggagctcc accgcggtgg cgcccgctct agaactagtg gatcccccg 60
 gctgcaggnt ctnaaccaac cataaaggat tggaaccctt natctactat tngngccttg 120
 ggccggtata gnangaacag ntctnngcct tctaantcgc gctgaannag gccaacccgg 180
 aactggtgct cgnagacgac caaatctaca acgtagatgt gaaccgcaca cgcatTTTgca 240
 ataatcntct tcatagtaat accaatcata attggaggat tcgggtaact gacttgTTcc 300
 cctaataatt ggngctcccg atntagcatt tccncgaata aataatataa gcttctgact 360
 cctccctncn tcattcctac tactcntcnc atcctctata gnngaagctg gggcaggaac 420
 aggctgaacc gtgtaccctc ccttagcagg caacctancc catgcaggag cttanagtag 480
 anntaaccat tttctcttta cacttagcag gagtttcctc aattntanga gccatcaact 540
 tcatnacaac aattatnaac ataaagcccc ccgnaatgtc acaataccat acccctctgg 600
 tcgtatgatc cgaataatac cgnggggcta ctactactct cgctncctgn attaagaagc 660
 cgggatcaca atgctattaa cagaccggaa cctaaataca acctTTTTtg aaccccggn 720
 ggagggngga nancctTTTT ntatatcaac cctttattct ggattntttg ggacncccc 780
 cgaaagncta aaatttaaan ccttaccng ggggtnggaa aaaatctnnt caaaatcggg 840
 gancctactt ccttcgggna aaaaaanaa nccctttcng gaatttttng ggnaanaggg 900
 tnggggcttt taaagggcc aacnggaant tntaagggtt tcaatcggga ngaancccc 960
 cccattn 967

<210> 1528
<211> 985
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(985)
<223> n is a, c, g, or t

<400> 1528
tnnnnnanaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg 60
ggctgcaggc gagntttttt tttttttttt naananannc tanttntntt tnnnaaanaa 120
angggggngg gggggnnccn atgccctgac nnanaagnaa nctcaacnng nntnnaccgn 180
atntttnttt ngctncaacn nctntccaan atgttngagn gngganggca naaaccntga 240
tttttacttg nctccnacca aaccancntt ntttngnnc ggnnnaantn ccnagnnttt 300
nccttttccn natncangng ggggnananc cnaaaanttt tttcanaaan gggntttttt 360
tnnnncctt nanggnnacc ccnatgngg nnnaaanggn aaanngcaan agggganccc 420
tttnntttgg tanntaangg ggggnnggnc cnnanaaaan tttcnggttt tnnnttttg 480
gaaaataaag ggnttncccc caaaaccttt aaaggggggt tnatgggaaa attaaaaaaa 540
aaaaaaaaacc cccncctnc nnnggaaaan aaattaaaag ttngggacca aanaagtntt 600
aaaaaacct tttttaaaaa annccggaat tttttntcc gggaaaggaa aacctttttt 660
ttttttttt taaggggaaa aanaattccn tnngggccaa aaaanttttt ttggganggg 720
gggggggggg tttgtttttc nccnaaaaaa gtttttcccc nccncccccc cgggaccng 780
tttttttnaa aaccttnngg ggacccttt ttttaaat tctttgggaa aaagncccg 840
ggnaaaaaac tgtttaaac nggggggnaa attcntttgg ggggaaaaaa aatgnggntt 900
ttaaccnt ttnaaaaaan gggngggggc ccaaaaaaa aaaaaanggg gngggggaaa 960
ccntttcccg ggnccccctt gggng 985

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<210> 1529
<211> 946
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(946)
<223> n is a, c, g, or t

<400> 1529
tnnnnacanc tggagctccc cgcggtggcg gccgctctag aactagtgga tcccccgggc      60
tgcaggnnngg agcanagggg cccaccggcg acttcagagg gaactcattt actgttaccg      120
tgctcatctc aggaacaaaa ccatttctta gtgagataat atagtatcaa agcaacatgc      180
aaccaaaacc ttttgacatt ttagggctag ttggtacttt ccagtagaca tgtttggtgg      240
ctggtgtcaa aagtccgtaa agcatttgct gccaaagttag tggaatgctt gcttttatta      300
aaatgactgt aatcttcctt gttacagaca agctatcatt ggaaacctcc ttttacagta      360
cagggtgctc agaaacgttt tgagtacttt gaaagcacta tatttatggt gctccaagga      420
gttgattttt ctccagggtt aaagagaatc acagcttcga aactttcatt aaaaatgaga      480
gacagaagcc acagggaaaa taaagcaaat aggattttca atataaatat cagngaggaa      540
aaaatatccc agtctgttgg agttagtggt cacgcagtca agaacgtcgn ttncatttgc      600
tcanaaaatc ctttcatggg aagtttggag aaccatgaat gtcgcagact tggctctggtg      660
gggttgcact ttattatggg gggggggggg gngggttggg ggnnttaaaa taaaaccaag      720
tcatngcctt ttatttctac cttgtaattt accggangtt cccccaanct ttttaanggn      780
gggncttnnn nctggaaaagg tttttttggn naaangggaa ggggaacctt caaaanggcc      840
ggaacctttt tttttttttt ctnaaagnnt aantngaaaa aagggggcnt ttttttngga      900
aanaaacng gggggcccc aaaaaaangg ggnattttt ggnnca                        946

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<210> 1530
<211> 1444
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1444)
<223> n is a, c, g, or t

<400> 1530
agccncata gngggagncg catnacagg ggggcggccc gttntagtaa ctaggttga      60

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tcccccgggc tgccaggna atntncncgc annaggcnan tnntcaccnc gtttgntcta	120
ggaagtctnn cgnatgaatn atgggtgctn tcngccaggt gcagcntttc gancagtagn	180
ntctaccnna tgccttcatt tgccnatnan ggttcactgt ntaatngcat gcatgagcca	240
ctncgnanat attgantgta gcctncgnnc tgncttggga cccgggagta ntatttcngt	300
nncctagngc gcangnacnc ctnttncntt cgtcnaaen ccttgtnaca ngtcacgnct	360
atcannagac ncgnagntaa gnnanannng acngtgcatt nncctgtttc actcncctanc	420
nctntgannt gnnatgacnn tttnagnctc tacacgnact ccggnatatn atntcctnta	480
gngggcaacn nccntantga ncanggtctc ncaatggatg cgnacgnncc ctncntccnn	540
ttaactnttt ncatntaaac cntntggtgc cttaantant ntnacttnca tanccactcg	600
cnangtgccg ntgntnacnt tnggtngtca cattnngacn nnaanngttc ncngnantng	660
cgacatnctn ngacccannt gtaaannatc nnnntagatc tcggtcatnc ntcttcanat	720
nnancnngcg tgnatngagc nnnannacga catccattaa tntncntnga annncgggtt	780
cngnnaccnt annatttgnt ntcaacgnnt nactcaannn ccnanngtga attntntnta	840
tcccccntnn gncgncgcng cgncccnca nntantcnn ntgtctnatg ccncaaantn	900
gnnnttaaan cnntntactn natcatttta tnnccittcaa ncngtcgaa cgcannacaa	960
tantctactt ananttnenn cnngtggtcg gnnatcaann aantgtcngc atngnttnnn	1020
gtgnntnaa ctngagnnca agacatcctc ttctngccgc nancntgcat cngtgngatn	1080
cangcactnn cngtgnnnct ncnggttctn tancatnttc cttnatnnn nnnacagancn	1140
tcanacaaaa tntancgctt ctcantnttn natcctgtac nntnganncc ncgnntnagn	1200
ttntttctnt ananttacgn tntgtntgt tggcgancn ctncgagtcn tatnatangn	1260
tannnnanag anacanttac ntcttacnan agtntgngnc gncngnngcc taactttctc	1320
ncacncacgt ncannatttn tcncgcnatc gtngtganga catggnatga ggnntattna	1380
nnncntnag acnncnagnt tatctacnt atnanancta ctntntntct ctntcntatn	1440
cccc	1444

<210> 1531
<211> 980
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(980)
<223> n is a, c, g, or t

<400> 1531
ncaaanctgg actccccgcg ggggcggccg ctctagaact agtggatccc ccgggcttgc 60
aggaatttcg gcncgaggcg gaggccgnac gatgcctggn gttactgnaa aagatgtcaa 120
ccancaggan ttcntcnnag ctctggcagc cttcctcaaa aagtccgna agctnanagt 180
ccctgaatgg ntggacaccg tcangctggc caagcataaa gaacttgctc cctacgatga 240
gaactgggtn tacacacgag ctgtttccan ggtcggcacc tgtacctccg ggggtggcgct 300
gggggttggt ccatgaccaa gatctatggg gggcgccaaa ggaacggtgt catgcccagc 360
cacttcagac agaggctcca agagccgtgg cccggcgggt cctccaagcc ctggaggggc 420
tgaaaatggt ggaaaaggac caagatgggg gccgcanact gacgcctgag ggacaganan 480
atctggacag aatttgtgga cangtggcag ctgccaaaca tgaagcntta gacaaaatga 540
tgctgggtta ataaattgcc tcgttcgtaa aaaaaaaaaa aaaaaaaatt tngggngggg 600
cccgnccca attcccccta tngggagnnn nntannnnn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 960
nnnnnnnnnn nnnnnnnnnn 980

<210> 1532
 <211> 997
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(997)
 <223> n is a, c, g, or t

<400> 1532
 gccctatagn gagtcgtatt acagggggcg gccgctctag aactagtgga tcccccgggc 60
 tgcaggctgg ttacancatn nagtacnana agcctgggtc cctnctaaa gangtgggnc 120
 ctnggccncn ncttggtgtc acataagcta ctatnactgg gccggaaccn ngancanatt 180
 acncantcca agacattgnc cttgananca ntnaganaaa tgngnctttg atnggganga 240
 anangacnga tgaacnncnn naggtggtaa cccttgca ca cccaatctt catggaccag 300
 cagatcttgg atgtnnctc cncaggacna angaccntt tcatcancna ccctgnnnnt 360
 gacnnggaa acagnattna nntttcctt ncttggtgac ngcnnnccnn ncttggtcna 420
 naaatgatct ttgnnganca tggatttagn ccanccacnn cgaccaccan ggccnccccca 480
 gtnaggnta ggcgaaaacc gtntccgccg aangnaanng atganatcca aattgnccat 540
 ntccccagng gagacntagn ccttcttctt taccctcag ttgtgngact ccttcctan 600
 tgctttctac agggacaagn agnatctctc tcacacaacc nntctnatgn accccattc 660
 cacgaanagc ctctgagcnt atcattgtca tgttcatccc nanttaggct actgatgaaa 720
 taacccttt nctggtttcc naaattccct tggaacnccn cnngctatgt ggctannctn 780
 tnnacggng nctaaccnag nagggggccc anccctncct anntttnntt anganggang 840
 gcnatgtatt antnaccac cttcattggc ttgantggtt tnnccgaagn aagttgggtt 900
 ttncccgccn ggncnanntc ttgntagacc cngngggnt angnttnnt cccnactga 960
 nagaacatnc nngtntttga cccccctacc cccntc 997

<210> 1533
 <211> 963
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(963)
 <223> n is a, c, g, or t

<400> 1533
 gcctatanng agnngnatta caggnggcgg cccgctctag aactaggtgg atcccccggg 60
 ctgcaggaan ttcggcacga ggctgacact ttgtatttcc tctggcgaag agaactnggc 120
 atcttcctna aaaccctgcc cnntcggaaa ntnnaaaaca aancaanncn ccnntttttn 180
 acccttnant tncnantttt aaantnaaan nnaanccccc aaccttantt tcnnggnnnn 240
 cnnngctnnng gnttttaagg nccnttannc ctttttttng gncctnnncn naacntannc 300
 agaactggat gncnngacct tgggtcccang ttaacntcan ntctggngtc attanttgcc 360
 ctgccagtgg tcttataaaa ttagcagcgn cacaatctgg gagganatat atttaagngc 420
 angggganan gctcaatcat tgcgtgcgct ttannngtat gananananna tcttatcacc 480
 tntagggann agaaaagaga tgagngcgnt aatttcanaa aacctgagta nggagganat 540
 gcgccagaca acanctcgc tgnatttcnc tccctngtgg gnagaggngn taccctctc 600
 nnccagaacc ccagaagaac ctccactttt gnagaagctc tttntnccn naagancctg 660
 gctgaanaan actgccc aaa accatacttc nagaatgagg antctcagtg ggggggcnaa 720
 gnactgntgg ggggcnccat cctcacaagg ngggtcnggg aagntaatgg gggncctcc 780
 nttttttnat tggatgaccn ccttaaaccn cntttggnag gnanttggga ggggaacccc 840
 nnccccagcg ggggggaaan aaanacnccg nttngttcct tggaangnct nngannnaaa 900
 aacanttgnc ccncgggaa aggantngaa ngggttggga aaacctggcc tttcctttc 960
 ccc 963

<210> 1534
<211> 963
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(963)
<223> n is a, c, g, or t

<400> 1534
gcctatanng agnngnatta caggnggcgg cccgctctag aactaggtgg atcccccggg 60
ctgcaggaan ttcggcacga ggctgacact ttgtatttcc tctggcgaag agaactnngc 120
atcttcctna aaaccctgcc cnntcggaaa ntnnaaaaca aancaanncn ccnntttttn 180
acccttnant tncnantttt aaantnaaan nnaanccccc aaccttantt tcnnggnnnn 240
cnnngctnnng gnttttaagg nccnttannc ctttttttng gncctnnncn naacntancn 300
agaactggat gncnngacct tgggtcccang ttaacntcan ntctggngtc attanttgcc 360
ctgccagtgg tcttataaaa ttagcagcgn cacaatctgg gagganatat atttaagngc 420
angggganan gctcaatcat tgcgtgcgct ttannngtat gananananna tcttatcacc 480
tntagggann agaaaagaga tgagngcgnt aatttcanaa aacctgagta nggagganat 540
gcgccagaca acancntcgc tgnatttcnc tccctngtgg gnagaggngn taccctctc 600
nnccagaacc ccagaagaac ctccactttt gnagaagctc tttntnccn naagancctg 660
gctgaanaan actgccc aaa accatacttc nagaatgagg antctcagtg ggggggcnaa 720
gnactgntgg ggggcnccat cctcacaagg ngggtcnggg aagntaatgg gggncctcc 780
nttttttnat tggatgaccn ccttaaaccn cntttggnag gnanttggga ggggaacccc 840
nnccccagcg ggggggaaan aaanacnccg ntngttcct tggaangnct nngannnaaa 900
aacanttgn cccncgggaa aggantngaa ngggttgga aaacctggcc tttcctttc 960
ccc 963

<210> 1535
 <211> 970
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(970)
 <223> n is a, c, g, or t

<400> 1535
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 gctgcaggct angttgcntn ancatggcta aacgcaccaa ganngnnnga atcntgggcn 120
 antacgggac ccgtnatggt gcctcnctca tgaanatggt naagannatn gaaatcatcc 180
 agcacgccaa gtatacctgc tccttctgtg gcnaaaccaa gatgaaaaga atagctgtgg 240
 ncatttggcn ctgngnttcc tgcataaaaa cagtancnctn tggcgcctgg acctacanca 300
 ccacctctgc cgtcacagnc aagncnnca tcanangact gaagggaactg aaggaccagn 360
 agaggcncca ccattcgata cccttgctag cctatnaaat ggggtaattt atctancnga 420
 anaccccttt ttccacctcg ggatgccgc ntnntgtnaa aaggggttcn cnnggnaccc 480
 ttttctttaa annttaaaac cgcnncgacc anccttnggg taaaaaancan aggaaaaaac 540
 cntncaaacc ggnntnttgg accntagacn anatcgngct tttggattnn tggggaacan 600
 tttccgtgng ccattttgac attcaaatnt nggttttttg tttgcaaang ccanttcnnn 660
 ncccctgggc cttgggtngg ggnaaaang ccccccntt tggcnaaaaa ntttccttgg 720
 cttaaccttt naaaangntt nttttttttt anctncaacc aaaagncccc cttgttttta 780
 annccccctc naanctnggg gnnnttgntt tggngnggtt tccnantncn gnnngaaaaa 840
 aacnccnttt anggggtttt gnggngnttn ttggattgtt ttcttggggn ccaanaaaan 900
 ctttttnaac ccaacnnnaa angggcccg ggggngngcc cttttttggg naatnaatat 960
 taanggtnt 970

<210> 1536
<211> 959
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(959)
<223> n is a, c, g, or t

<400> 1536
naaaagctgg agctccaccg cgggtggcgg ccgctctaga actagtggat cccccgggct 60
gcagggtttt gttccttatt ttactaatga taattaacat ccaacatggc ttctcatgct 120
atttctacct cactttggtt ttggggtggt cctaataatt gtgcacacct gatttcacag 180
cttcaccacc tgtccattgt gtgaacattt tcctccattt tctttttcct ttataatttc 240
caaaagaaaa cccaaagctc taaggtaaca aatgacatga agatttgatt ttagtcttgg 300
cttttttttt ttttttnccn ttaagggnnc nnggantttt tttttnncng naaatnnggg 360
cctttntttt tttttttttt ttttaancng nnntaaaaa angggnttnn tttnttnnn 420
naaaaaaant tnaanttttt ttttaaaanc nnggggaaaa aaanggnngg gtttnggtaa 480
aanntttttg ggtnaantta anntttaaaa nnntnnntng ggggggggcc caaaaanttt 540
tnaaaaaaan cggnangctt tntngncnnn ttnanncn naatngggn attttttngn 600
gnncttttan ccccccaggg nnnaaanggg aagcnnnaag ggancngaa ncaaaacccc 660
ccccgggggn gttttnnntt tgttttaagg ggnccgggt tttaatggg gaaccnnaaa 720
aaaatnnggg ttaaaccccc ccaccnnggg acccntcccc caaanntttt ttttaaaaaa 780
ntnnnttnn ccgngtttc cccaaaanat tnaaannttt ccccaaaaaa annncccccc 840
naantggggn naanaaancc ggggntnngg ggggnnnccn aaaaaaann ccccccttt 900
ttnttnaaaa aaaaaaaaaa aaaaaaaann nggggggggg gggggccccg ccccttnn 959

<210> 1537
<211> 960
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(960)
<223> n is a, c, g, or t

<400> 1537
ttnnancncn atctggagct ccaccgcggt ggcggccgct ctagaactag tggatcccc 60

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gggctgcagg aattcggcac gaggacggnt tgcaccaac atttacaaca aacagagttt 120
caccagaggt ttgaagagga gaatatcact gaagaatata ttttattcct gtggtgtaac 180
ctatgaaata gtatccaaca taccaaaggc aacagaggag attgaggacc gggagacgct 240
ggctctcatg gctgcaagga gttgagaatg aaggcacatc ggatggggag acgtacatcg 300
agaagtacac gcggggcggtg ctgcagggtg agaacattct gagcctggaa cgactccggc 360
aggcgctgac ggcnaaagna gcactttcca ccaaagctcg gcacctaccg cgaagcctca 420
gcacgccccaa cgttcacaaat gtctnttcca gtcgaccaga cctttctggn tttgacgatg 480
atgataaggg ttggccagag aaccagttag acatgtntga ttacagcccg agttaccagg 540
atgtatcgng ttatggaact ttgcctaggg attcacctcg aaggagtaaa gaaggtatgg 600
ttgtacatta naaaatnctc ntgccttaan agtcagccct tttaaaagca ttttttctt 660
aagccaccaa agtttttttc aagncntta ttgcnttga aaaagagggg nccttttaaaa 720
aaagggnta gnggcttga aaccannggc cttttttta anccngggn gggncnttg 780
gggggngggg gggaaaattg ttttnaaag ggtcttaaac cgggaaagct tntatanttt 840
tnccncccc tttntgttcc ctgggggga ggtttccgct tgactttnaa annngtttnc 900
caaatggccc ggtttggga aaaaacaaaa aaaanngngt ttttttttt taaaangggn 960

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<210> 1538
<211> 1525
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(1525)
<223> n is a, c, g, or t

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<400> 1538
ncgngcncn cntgnctcnt tnnncntnn nnnnnntnn tnnncncnc cncnctttn 60
ntnnancctc tancctacn ccacnnncna ncnncnaagg ggnngtnca tattnnattt 120
gcntatnttt aagccnancn ggagttcgca tnacagnggc gnnccgctct aaaactngtg 180
ntatcccccg ggctcgnagg aattgggccc caggcnatnn tnttatttct gcnttttgtt 240
tnanctgtnc cgggncntcn nnnngtnatc cnccttnca taactnannt tntncagnac 300
cactcctngn nngtnnnna taannnnngt tetaatnctt ntctcccggn ctnttttctg 360
nnctcacttc attaaanntn aatacnttn gccncntnt nnntacacca ttntngcta 420
tcannnnagc annntntnn ncnnacctnt atcntntnn tcntatnnnn nctnttncnt 480

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tnnttcttaa gcagnnngtn ntantntnt ncttntntnn nnnngnttn ngcncntcc	540
ntanttgnaa ctacctccct ctananaantt nncnntnca tntttctcnc ntnttctatt	600
tttantttct attnnngntn tccccncnct tctctttnat tnannttttn cncncnnt	660
nacnncnct tcttctngtn ccagngggtc ccnnncantg tnttttnta acncgcttn	720
nagnnntgt nntctntn ntngctnnn nactnnncn nngnatnng gcngctatn	780
nnntccnnn cacncanccn ctnttntnt cgagtcttn anttancgc ttctnntcn	840
tcnatntcta tnatntctn ntnactgnta agncngccgg tntcanngt ngantcatta	900
nntnttanca nnatcacggn ctagcnantt tttnancnc tanttgtnta gtanatnnn	960
ntntttcnca tgcgcttct nctnttgcnc tatctnttnc nnnngatcnc nacntccat	1020
ctctttant ngctnattn cacttanntg tgancatata ntantgacac ngtnngggtc	1080
tatnagcttc ntatnnnanc ncnngntn annncnctg nncntnctg annctattn	1140
tntcttctc annncncta tncnccttc gttcncnngn agngtgntn cngatgctgc	1200
ncactgttct cnnntacann gntcnantn tcttttactc ncnncnncn acncangcnn	1260
nnnnagnncg ntnannncn cntcatnta ctnatnnana cganaatncn ctgaccnnnc	1320
anaganatgc cttnacaccg anccagacan cgactgtcnc acgtnttgc cnannttntt	1380
gnntacnagt nananacgct gcatagnnat tnttnantn tntnctgagt tananatcta	1440
ntgacagnna tgcctcgnat nntnntatgna anattnatnt gncganagnt tntnnnang	1500
ctcnatnatc atntgatntt acgcc	1525

<210> 1539
 <211> 1001
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1001)
 <223> n is a, c, g, or t

<400> 1539	
nnnactgga gctccaccgc ngtgggggcc gctctagaac tagtggatcc cccgggctgc	60
aggccggcct tcaagtgggtg gctgacaggc ctggtagtgg ggaagggtgt cctgggttgt	120
tagagggtct ccaggctctt ctggttgtcc ttccctccct ttccaccat gagatctatg	180
ccacacaggc cagtgtctgc agaaccttgc tttctaggtt tggtttctga nctcctgtct	240

gtacttttgc ctccccaag gttttttccc ctaaaaatcc ccatttcat gcctccccac 300
 tgtgggtctc cttgcctttc tcttgcaagt tggacagtcc tctgcctntt ggccagaccc 360
 catccatttg gactgcctaa gtcactcgag atcgaccccc acccacacgt acaaccccag 420
 tggccagagt aggcagggag aaagtgaaga gaatccagct gcctctcgag ggaagtgaga 480
 tgtgtgagag cactgtanct ccccacctgt ggactctggg ccaagaaagg cgtgtganta 540
 tctggcgcan ggtgccaaca ttcttgcaag cagctgtga aatctgcac ttcccagttg 600
 gctggtactc catanccctt ggacttctgc ccccttctt ctnctgttg gtctgccctt 660
 ctcanaacag ancctttccc ttcactcctt ggcccccttg ggctgaccaa atggtgntt 720
 ttttatggga ncccttggc ccaanaaccc tggggggcaa gaaaanactg gcatgaatgn 780
 aaaaaccgcc ntctngcttt cttgggaggc aggcttttgn gggcaaaagg aaaaagggtc 840
 ccggcctngc ctttgggna angcaattnt tnttggtng gaaggggggc ctttcgaccc 900
 ccccttgng ttgtngggnc accccccccc cngggttnt ttttttaaaa agaaaccag 960
 ggnttncnc ccccccttc cngggnanaa ggggaanctc g 1001

<210> 1540
 <211> 1030
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1030)
 <223> n is a, c, g, or t

<400> 1540
 gccctatnng gagengcatn ncagtggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggaaatnc gncacgaggn ntgtctttan cgtncnctn gaggggggnn cnggttctc 120
 ngnaccccn anannnacac ctntngnaa tcggnnntnt ccnacaaanc ctgnctgnen 180
 natngnnana tntngncna anatccnac anacnanagt ttccattcn ttccttnng 240
 gannnaaaga cantnaaaan nggaagcagg gngggnanna gggnnacngn ccnaaccct 300
 ngaaaanngc cttnaaccg nggagngaaa tccntaccn tattnaacng ccngccnct 360
 cttgncaaaa accnaannat attncctng ttggtcngtn aaccncaat naaanacngn 420
 atanaccgg atacanatnt acccatntng nccaccaan gccaatgggt ggctnccttt 480
 nttaccaaen cngntttcn ntggctctna anggcagtcc ggctnacntt taaagataen 540
 ggaangtga tnnngtnca tnaactnana ngannttcgn aangnnacct atgnanaana 600

aganccccc	nntttgntcc	tnnccacctn	tgggttnggt	tnnnntnanc	nntaaaggna	660
nactncnatt	tcctccggn	gantaantcn	cttacaaaa	angcnancaa	nntatttgng	720
ctacttttta	aaanaccaga	tnmntcaatt	attnagcccn	ttcttatncc	ctcttnantc	780
catannncnt	tgggggcncn	ggncgtgattt	ttaaggtctt	ntnntaannn	aattaantnt	840
nnnaccncta	aggnagcccc	nccccnctn	cnanannggg	naanttcnnn	ntttnttccg	900
cngngcgngg	nncctttngt	cncactnncn	ncttnccatc	ttaanccnnt	nngngnctnc	960
tntnnnttat	cngtangagg	tcnnnggagn	tannngnacc	anccctcnn	ttnnncgang	1020
nntnnncgnc						1030

<210> 1541
 <211> 963
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(963)
 <223> n is a, c, g, or t

<400> 1541	
gcctatanng agnngnatta	caggnggcgg cccgctctag aactaggtgg atcccccggg 60
ctgcaggaan ttcggcacga	ggctgacact ttgtatttcc tctggcgaag agaactnngc 120
atcttcctna aaaccctgcc	cnntcggaaa nttnaaaaca aancaanncn ccnntttttt 180
acccttnant tncnntttt	aaantnaaan nnaancccn aaccttantt tcnnngnnnn 240
cnnngctnnng gnttttaagg	nccnttannc ctttttttng gncctnnncn naacntannc 300
agaactggat gncnngacct	tgggtcccang ttaacntcan ntctggngtc attanttgcc 360
ctgccagtgg tcttataaaa	ttagcaggcn cacaatctgg gagganatat atttaagngc 420
angggganan gctcaatcat	tgcgtgcgct ttannngtat gananananna tcttatcacc 480
tntagggann agaaaagaga	tgagngcgnt aatttcanaa aacctgagta nggagganat 540
gcgccagaca acanctcgc	tgnatttcnc tcctnngtgg gnagaggngn taccctctc 600
nnccagaacc ccagaagaac	ctccactttt gnagaagctc tttntnccn naagancctg 660
gctgaanaan actgccc aaa	accatacttc nagaatgagg antctcagtg ggggggcnaa 720
gnactgntgg ggggcncat	cctcacaagg ngggtcnggg aagntaatgg gggncctcc 780
nttttttnat tggatgaccn	ccttaaaccn cntttggnag gnanttgga ggggaacccc 840

nnccccagcg ggggggaaan aaanacnccg nttngttcct tggaangnct nngannnaaa	900
aacanttgnc ccncgggaa aggantngaa ngggttgga aaacctggcc tttccntttc	960
ccc	963

<210> 1542
 <211> 941
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(941)
 <223> n is a, c, g, or t

<400> 1542	
tnancaanan ctggagctcc accgcggtgg cggccgtctt agaactagtg gatcccccg	60
gctgcaggcc cgcggatctg tctcttgctt caacagtgtt tggacggaac agaccaggg	120
acgccnttg ctccancctc cgaccacnt cnancntttt ttcnagcnn ancnttngna	180
gnnagcctt nantngncng gaannncngg ancnanccnc nntttttaan ntcntnatan	240
tancnnncna nnnnnnacnt ccnaaatnng naaaantant ntncnnngg ggnnggcngc	300
ngcnaccngc ngnggtaaca nngnantggg gggccntcta acctatactt ttntttgggt	360
tntattttca cacgcgnaac natggccctg tgagaggggtg nggnacantt ttttcganaa	420
tngnccaaga gaaaagcgag agggcgcn ga gctcttnnn anngtgnaan annagngggg	480
ggggcgcnct cttnttgnnn nngcncaanc cntatcaaaa agagaggggn gaaaancacg	540
agactntnnn ggcgcccttt tcnagaaaaa aaaccnagna ncaccnngtg ganatntggg	600
ngctgngtct tgncccgaga caccacacnt gtgacntctt tgggtggaaa cctccttcta	660
tgangaaggg gagntcctca tcaagaaggg gggcnatctt annaacctcc tccggatggt	720
tggtgccnc catggtgngg nngaggaant tttntttaan ngngctccc cntcnannac	780
taataagggt cttnggaaca accggncggt canttgaaaa accccaacta aangggnggc	840
tggaaagacc ccccttttnn ggaaataagg aaggtttttt ttaaaaaacc cgggggggcn	900
ccntttntc cnnggnnggn anngnaaagn aaaaaanntt t	941

<210> 1543
 <211> 1008
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1008)
 <223> n is a, c, g, or t

<400> 1543
 ttganaannn ctggagctcc accgcggggg cggccgctct agaactagtg gatcccccg 60
 gctgcaggaa nnnnccanga ggctnnacnc tnanangagc tttnngtgtn ctcnangtnn 120
 aacnccgcnt anctntgtga ttngcctnna cntcnntggn cctggttntg ctnnnccnac 180
 cnccatctan nctntcnana tcnnnatnat gnnatanatg anaacccgga caaagcncaa 240
 ttcgtggggc cccttaccct agcatgtcca gaacggnttt anggantgga ntacgntttt 300
 ttnnttataa acngaancn attctttacc gntttttttt gagcttagta ccnntaannc 360
 cttgccccgg cccaatnaatt aggggantnc tgnncggggn gnggcnttan cccattaanc 420
 cttttngang ttnnaanngn aatcacntct gtcnnatggg tttccgaagt ttctattact 480
 tgagccaatn ttannacaan nnaggggacn ncgaagggnn atgnttacat ggccttattn 540
 atggccatcn ccttttggtta ttgttnttag ggccaataan aggcnttaaa atacacttnn 600
 aacacacttt tnnnnatanc tcncccggtt ttttccggat ntaanttttt ttttttgtgn 660
 aaaaggggnt tcccttngct ctaaaggaaa anaantgggg gncacccctt ttctaaaatg 720
 ngngagntnt cttttcgccc ncnttaaaaa attttttttt cntttttntt aancncncc 780
 ttttctctt ttaaaccnt ntggcggnga aangtnattt ttggaaaang gggnttcaca 840
 cttttccnt ttagaanaat atttgttng gggggnnct ttttaanan gangncnccn 900
 cttttngncc cnnggntnt nngnantng ccccnccca tnnccnnt tnnactggg 960
 ggggggggg gnttncccn tnatttnngn aaannaaata tggggcct 1008

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<210> 1544
<211> 931
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(931)
<223> n is a, c, g, or t

<400> 1544
ttgancacag ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggaa ttcggcacga ggctttanat agtattttta aaggtaacta atgcttttga 120
cagtataaac aaaaagcaag aatataaggc ctagaaaaat tgccttcga aaatatcaat 180
gatgtaccct ggaatgtgaa gatgtcccct tatagtttta attgatttat ttgaatattg 240
taatcactct tcagactttg aatgagtcac tacagtgtgt atctgtatat ctgtagagaa 300
aaatgacaac cgaaatgtaa ctttaaaatc aataaatttg gcactgtctg ttgcaccact 360
actgtatctt tttgaaagaa ttaacagtat tttcttattg taaaaggtaa ttctgatgat 420
tccacattca ccagacatgt attttttttt tctgtacta tttgcatccc caaatattta 480
atacaagtag gttttgcacg gcttgancnt tcagagatta acagaatgac anctcanttt 540
taattctaaa gccatgaaat gttgctttga nactgaacaa tctgaatctt atttataatg 600
acnccaata tccatgtttc cctactggaa aanacctgac agttcttgcc tacacagcaa 660
gaacttatta aatcttggaa atnccgggcc tnttttaaat tctggggang ccgggaaaca 720
aaatattttg aggggaaatt ggtntaanac aaaggcnttt gaaaaggntt tgctggcttn 780
aaacctcaa caggtagatt ntctcgaaag gcaacgattc cctgcgaaat aaatttaata 840
aaggtaaaag cccaaccctt aaaaaaaaaa aaaaaaaaaa cttggggggg ggggccccgg 900
nnccccaatt tcccccttta angggggnnn c 931

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<210> 1545
<211> 1061
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1061)
<223> n is a, c, g, or t

<400> 1545
agnnnnnnnn nggnnnnnntt nanaaaagctg gagctccacc gcggtggcgg ccgctctaga 60

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actagtggat cccccgggct gcaggaattn gntnctnnnn ttntctantnc nttntataa	120
nacgcacaac ctctggnnca ttntcangnn nagnntgtaa nncgtgnctc nataaaaangc	180
nnannggant aanantanng cngcctnnct ncgtgaangc ttncatanc tattntncat	240
tacattccac atcangatat cgaaacnatt ctacannnta tnnacactag catnacatta	300
tntntattng ctttacttnc ttatacnngg aaactgnngg tttactctnt naaatattta	360
ttgtangtca ctnttancta tcnnactctt gannggtntn naacnacttn accagaacta	420
cctattgggt aangatnaca ttactgancc cacttanaac ttnaacctgn aatgntntct	480
tgcnctaaaa gtgaactgnc taanttantg aaaantacnn gtgnccccta cgcanttga	540
cnaataaaaa ccntnnttnt cttntnccca aaaanatgnn ttgncttaat ttcccacata	600
aangtttatt ttcacctcaa atanacttna aaatttnttt ctatangtnn gggncncccc	660
aatntaaac tttncocgnc ccnttaaan aaattcttnt tcnagttttt ttancctttt	720
tnccnaana atcattggng gggggcnccc tggnaacnca ctggcgntct tnttccnagc	780
actnantttn ntngcccga aacccaaatt ccntttttc cctngggann cttctgngtn	840
aaaancccc nngtttttt taagaaanct nttgncctng gctttaaaac ccntccttn	900
ccnananngg gtttggggcg tggaccaagg aaattttncc ccattanccc aaccaaggg	960
tttntgggg ggaaggttcc caaaagccaa annnacncnc gggggtgngt gcccnnгаа	1020
acccccccc tngggttttn gggggnnnnn tttttcnaa n	1061

<210> 1546
 <211> 930
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(930)
 <223> n is a, c, g, or t

<400> 1546	
ancaanactg gagctccccg cggtaggggc cgctctagaa ctagtggatc cccccgggctg	60
caggaattcg gcacgaggcc ttgacgggcc tcaccagagg ggccacctac aacatcatag	120
tggaggcagt aaaagaccag cagaggcana aggttcgcga ggaggtggtt accnggggca	180
attctgttga ccagggcctg agtcagccca canatgactc ctgcttcnac ccctacacgg	240
tctnccatta tgccattgga gaggagnngn ancgattgtc tgantctggc tttaaactct	300
cgngccagng cttatgcttt ggcagaaggc catttnacat gcaattcatc tanatggtgc	360

cntganaatg gaatgaactn ccanattgga tagnagnnnn atggtaaggn atagaatggc	420
caaatgatga gctgncttnt cttggaantg gactttgaga gttnaagtgt gatcctcatg	480
nggccgcntg ctatccgatg ggatgactta ccacnntggn agaacagngg nggangcgac	540
tgtcttgggg ccntttgctt actgcacatg ctttggaggc caacgaagnt tggcgctttg	600
acaactgacn nanacctggn gcttgaaccc ggtacctaan gcttccantg gccactccta	660
caaccagttt ttccagannt tccatccgag aacaaaacct taatgtcaac tgggccaatt	720
gagtgcctca ttgccttttg gatgtncagg cttgaccnta naaaaattcc cgaaaagtaa	780
nttttttcca accccanaaa aaacaagcgg tgggattttc ttgnccaagn tcccttncca	840
aactgggaag nggnngnttc ccaanacccc ccatntttaa gggnggttcc ttttnnttaa	900
aaccctttt ttnttttggg aaanaaactt	930

<210> 1547
 <211> 993
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(993)
 <223> n is a, c, g, or t

<400> 1547	
gcctatnngg agctncancn cagtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggaattcg gcacgaggag agatgggagg gtgatcacac tgtctcatga gggccaggag	120
cttcaggact tccttctgtc tcagatgtca cagcatcagg tgcacgcagt tcagcagcta	180
gccaaagtta tgggctggca ggtcctgagc ttcagtaatc acgtgggact ggggcctgta	240
gagagcattg gcaatgcctc tgccataact gtggcctccc cgaacggtga ctatgctatc	300
tcagttcgta atggccctga aagtggcagc aagattatgg ttcagtttcc ccgtaaccag	360
tgtaaagacc ttccaaaaag tgatgtttta caagatagca agtggaatca tcttcgtggg	420
ccattcaaag aagttcagtg gaataaaatg gaaggccgaa actttgttta taaaatggag	480
ctgcttatgt ctgcacttag tccttgtcta ctgtgatttt tttttctgga ccagtttcca	540
gatttttttt cccagagaa gtttcagaa actttcagga atgtttgcag atcaacaata	600
agcaciaaag agaggaatct tctaaaggaa tattgttttt aaaaagtaat aattagcaaa	660
tgtttattta gcattttgaa acctttcact tttataagtg acaaagtgct ttaaaatgca	720

aaaaagttaa	tgtacagtta	tagggataac	caancatgga	agagatggtn	ctttttttat	780
gcagttggac	ttgaaacatt	actacattgg	atggcattag	ctttttaaaa	atatcccntt	840
gatgttgana	tccaaataaa	gattttgggt	aaaaaatccn	aaccctntga	acccttaaac	900
ctaaatnnat	tatngcntaa	ccattcccnt	tgttggtnat	ggcttnaaaa	aaanttaaaa	960
ccccntaaaa	accagctttt	tnacaaaaaa	tct			993

<210> 1548
 <211> 1015
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1015)
 <223> n is a, c, g, or t

<400> 1548	
nccnatctgg	agctccaccg
cggtggcggc	cgctctagaa
ctagtggatc	ccccgggctg
	60
cagtttttna	ngaattggcag
ctttaatcat	cctggccaag
gcccctcagg	ctccctccac
	120
tgcaggcctc	cttggtcata
aaccacccat	caaccatgcc
tgaacacttt	tcccagggtg
	180
cccctgctct	tggccactga
cgtgggaacc	tgaggtcatg
tcagtctgtg	gatctctcct
	240
gggtgtggat	ccagcagccc
tgagcctgct	cttgccatct
ccagcagctc	ctgggggaca
	300
tggccagcat	cagcgggagg
ctggttgggg	aagacaagtg
ttcccgccac	tggagcaggc
	360
attcctcctg	ggccgagctt
ctttgtgctt	tgagactgat
ggaagagcgg	aggtgctggg
	420
gcagaggccc	agcccagccc
cttgaggcag	gagaatcacc
gagaaggcgg	tttcctcaca
	480
gcacagacag	gagaacagac
acacgtgggc	acacacaggc
tccacatcct	ctgctgctgc
	540
agggggcatg	gcacagccca
gtgacccttc	aaagcttcca
ggtaaggatg	caaaggaagg
	600
cctcagggag	tggaccangc
cctggccctg	ggccccaac
tttcccaaaa	agaagaaccc
	660
caagcctgca	ggggcatntt
gagaagctag	aaggggagcc
ccctncaana	naaggccatg
	720
gcttgacaaa	gggaccggaa
cccaaccaag	gagcctntgn
gacttaaccg	ccccgancat
	780
tgctttttgc	caacttttgn
gggctttntt	tggnccntcc
ncaacnaagg	gnncannntg
	840
gganaaaaac	gggtttttta
attaaccccc	cccttcngnt
ttggganggn	ttttgggcnc
	900
ggnttgcccn	ttcccttttg
ggggcccncc	gggngggggg
ggcccttttn	ggnaancnaa
	960
aatnnntant	tngnggcccc
aaacancaca	aaaaagnttt
tnggaaaacc	ttttc
	1015

<210> 1549
 <211> 958
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(958)
 <223> n is a, c, g, or t

<400> 1549
 gccctatcng gagctncacc ncngtggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggnanaa attgnnanca atgcattcat ngnccttcca gccccatcaa acattgncat 120
 acatgatgaa nttgcggttc cctcctggga atctgcctag tcctacaaat cctcacaggc 180
 ctattcctag caatacacta cacatccnac acaacaacag cattctcctc tggtacccat 240
 atctgccgag acgtgaacta cggggtgaat catccgatac atacacgcaa acggagcttc 300
 aatgttgttt atctgcttat atntgcacgt nngacgaggc ttatattacg ggtcttacac 360
 ttttctagaa acntganata ntggagtnat ccttntgctc acagtaatag ccacagcatt 420
 nataggatac gtcctaccat gaggacaaat atcattctga ggagcaacag tnatcaccaa 480
 cctcttatca gcaatcccat acatcggcac aaatttagtc gaatgaatct gangcggatt 540
 ctcagtagac aaagcaaccc ttacccgagt cttcgctttc cattttatnc tttncattta 600
 tnatcatagc aattgccata gtccacctac tattcctcca cganacangc tccaacaacc 660
 cnacanggaa tttcctcaga cgtagacaaa aatcccnttc cccccctac tataccttta 720
 angacatctt aggggggcccc tcttactaat tctagctcta atactaccta gntnctattt 780
 cgcaccccgga cctcctnngg ganaacccca tataacttnc acccccaagc ccnntccgnn 840
 ttncaaccac accccccttc anattnaaan cccgnggggg ggnnnnnctt tttttgnct 900
 taccgcnatt ccttacgnat ccaattcccc caaccaaact tngggaagga ngttncnc 958

<210> 1550
 <211> 1026
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1026)
 <223> n is a, c, g, or t

<400> 1550
 gagcccatnn ggagnngcat nncngtggcg gccgctctag aactagtga tccccggggc 60

tgcaggattt	cggnncgang	gnntncang	gggtntacct	ctgccccag	gtntgnanc	120
atcngctcct	acaccagtgg	gcccggntcc	cgcacacagct	cctngncnt	ttcccagtg	180
ggcagcagnn	gcnnctntcg	gangcggnt	ggncaccggc	atgagcatgg	ctggaancta	240
cngtggggcc	ccaggnttgg	ggggcatcac	agctgtcacc	gtgaaccana	ncctgctgag	300
ccccctcaag	ctggaggtgg	atcccaacat	ccaggccgtc	cgctcccagg	agaaggagcn	360
natcaagacc	ctcaacaaca	aatttgctc	cttcacgac	aaggtgcggc	acctggagca	420
acagaacaag	gttctggaga	ccaaattgaa	cctccttgca	gcnnnnnaa	agantgncnc	480
gnngcnacnt	aanacnccat	gtttnatagc	tacattnaca	acctccgtcg	gcagctgnaa	540
aacttttggc	cccacgataa	ncctgaagct	ggaagtggag	cttggcaaca	tgcaggggct	600
tgggtgggant	gacttncnag	accantgttt	cgncggntga	aaaantnana	ngccgcacan	660
acnatgnagg	antgacattt	ccnatcantc	aagaangant	gtgggncgaa	agnnttacnt	720
tgaaacnngg	nnagaancctt	ggattncccn	ccctgggaaa	gggnttggac	ttggatngaa	780
nancnaantt	tcttannagg	caancctggt	ttgnaataag	gntcnttcnn	tngtnnnagn	840
nagctcntca	ntaattttnt	ggaaccntn	agnnggtct	cttgnctcnt	nggncaaann	900
anntcnggna	ancttgganc	ctcntgantg	gcnnctnntt	tctttgctgg	gcatnnggnc	960
cccnnttttg	tnangngna	tngnnaatc	ccnaatttc	gggttnga	gccctntggg	1020
cnntc						1026

<210> 1551
 <211> 1026
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1026)
 <223> n is a, c, g, or t

<400>	1551	
gagcccatnn	ggagnngcat	nncngtggcg gccgtctag aactagtga tccccgggc 60
tgcaggattt	cggnncgang	gnntncang gggtntacct ctgccccag gtntgnanc 120
atcngctcct	acaccagtgg	gcccggntcc cgcacacagct cctngncnt ttcccagtg 180
ggcagcagnn	gcnnctntcg	gangcggnt ggncaccggc atgagcatgg ctggaancta 240
cngtggggcc	ccaggnttgg	ggggcatcac agctgtcacc gtgaaccana ncctgctgag 300
ccccctcaag	ctggaggtgg	atcccaacat ccaggccgtc cgctcccagg agaaggagcn 360

natcaagacc ctcaacaaca aatttgccctc cttcatcgac aaggtgcggc acctggagca	420
acagaacaag gttctggaga ccaaattgaa cctccttgca gcnnnnncaa agantgncnc	480
gnngcnacnt aanacnccat gtttnatagc tacattnaca acctccgtcg gcagctgnaa	540
aacttttggc cccacgataa ncctgaagct ggaagtggag cttggcaaca tgcaggggct	600
tgggtgggant gacttncnag accantgttt cgncggntga aaaantnana ngccgcacan	660
acnatgnagg antgacattt ccnatcantc aagaangant gtgggncgaa agnnttacnt	720
tgaaacnngg nnagaanctt ggattncccn ccctgggaaa gggnttggac ttggatngaa	780
nancnaantt tcttannagg caancctggt ttgnaataag gntcnttcnn tngtnnnagn	840
nagctcntca ntaattttnt ggaaccnctn agnggggtct cttgntcnt nggncaaann	900
anntcnggna ancttgganc ctctgantg gcnntcnntt tctttgctgg gcatnnggnc	960
cccnnttttg tngngngna tngnnnaatc ccnaatttc gggttnga ggcctntggg	1020
cnnntc	1026

<210> 1552
 <211> 1057
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1057)
 <223> n is a, c, g, or t

<400> 1552	
ttggaaacng ctggagctcc ccgcggtggc ggccgctcta gaactagtgg ataccggggc	60
tgcaggaatn annaaccang ntntgcccaa gaancaaaag cggaattgtn ccatnggtca	120
ntggattcta atgaaaactc ggcaatgaan tcangtacia ctccaagaga agacacttgg	180
agaagaacca agctgggtnt ataanaagca agctggntct atgagaagtg gtcttaacat	240
gtagaccact tttttaagca gccagatcac aatgaaaaca tcaactactgt aatgcttggc	300
ccatgatgtt atttcctcac tatcagtctg agaccagca ataaatataa nacgttgcac	360
aaaaaaaaaa aaantnctgn ggggggggng gggcccnnc tgttccnntt tgggnttttg	420
aaaaaacat tntttcantt ntgggncttt tntttntaat nntnnnaant anttttnntc	480
ncctcaattg tanggtancn cctttctccn tcnnnnnnta ccgnttncnn tntnnnnnnc	540
cnantcnnct cnncganttn cnttttntctt ttcagantta antnnnnncnn ntgtttcnnn	600

nagccnnnga ntthttctnnn tttcttttat tntnntgnga gagnnatnta tnanngtnna	660
tttctnnnncn tgatagnngt tacacnnnnt ttttntngcn tnaanctacc ccccttnga	720
nantnntttt taanngnnnn ttnaacnntt nngcgnnta ttcnntatth gnatttncct	780
ngtgtttctt nttngtcgn ntcttanntt ctctcttttt tacctanan ngtcctntnc	840
nagctcttt gccttanntt ccttttctcg tntgtgnagc ctngacaccn ctagantttt	900
ttntntattc gtnttggggn ntntcnctg anacnntta ntttactnt ttntnnntat	960
actnttattc tngtagtnnt tatctattcn naataaatc ntnaggagnt nanacctact	1020
cattntanct annatgtgtt ttntnttnac ntctnct	1057

<210> 1553
 <211> 966
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(966)
 <223> n is a, c, g, or t

<400> 1553	
aaaagctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc	60
aggagagagg tccgcctgtc ccctagtccc acctcgcagc gcagccgagg ccgggcctcc	120
tcccactcgt cccagacaca gagtgggagc agcgtcacca aaaagcgcaa gctggagtcc	180
accgagagcc ggagcagctt ctcccagcat gctcgcacca gcgggcgcgt ggccgtggag	240
gaggtggacg aggaaggcaa gtctgtgcgc ctgcgcaaca agtccaacga ggaccagtcc	300
atgggcaact ggcagatcaa gcgccagaat ggagatgacc ccctgctgac ctaccgcttc	360
ccaccaaagt tcaactctgaa ggccgggcag gtgggtgacga tctgggctgc aggagctggg	420
gccaccaca gccccctac tgacttggtg tggaaggctc anaacacctg gggctgcgga	480
aacagcctgc gtacagctct catcaactcc actggggaag aggtggccat gcgcaagctg	540
gtgcgtcaa tgatcgtggt cgaggacgac aacgatgagg atggagacga tctgctccat	600
caccaccacg gntccacgc aggcagcagc ttgggggacc ccgncgagta caaccttgcg	660
cttcgcgcac cgtgctgtgc gggaatttgc gggcaagccc gcaaaacaag gcgtntggcc	720
aacttcggga nccccagnng gcggatccn tctcttttgg cttcttccgc cttcagnngg	780
cacagtcaact tccaaagttt cccaaagtgt gggggggcaa angggggggg ggaaattttt	840
gggggnanaag cttggtaaac ccgntttnta acttttttngg gnaaattccn aaanccccna	900

aaccccaaaaa ccccccaan ntngggtnng ggtnnttttn gggggggggn tnaaaacaaa	960
naaaaan	966

<210> 1554
 <211> 917
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(917)
 <223> n is a, c, g, or t

<400> 1554	
tnnnncaaaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcagga attcggcacg aggccttgac gggcctcacc agaggggcca cctacaacat	120
catagtggag gcagtaaaag accagcagag gcagaagggt cgcgaggagg tggttaccgt	180
gggcaattct gttgaccagg gcctgagtca gccacagat gactcctgct tcgacccta	240
cacggtctcc cattatgcca ttggagagga gtgggagcga ttgtctgatt ctggctttaa	300
actctcgtgc cagtgccttag gctttggcag tggtcatttc agatgcgatt catctaaatg	360
gtgccatgac aatggagtga actacaagat tggagagaag tgggatcgtc agggagagaa	420
tggccagatg atgagctgca cgtgtcttgg aaatggaaaa ngagaattca agtgtgatcc	480
tcatgangcc acatgctatg acgatgggaa gacttaccac gttgggaaaa cagtggcaga	540
aggaatatct tggtgccatt tgctcctgca catgctttgg angccagcgg ggctggcgct	600
tgtgacactg ncgcaaacct tggggctgaa ccccggtacc gaaggcttca cttgnccact	660
cntacaacca gtntttcca gagatncnt cagaaaacca acncttatgg tcaactggccc	720
aattgagngc ttcattgcct ttggatgtnc aggctgaccn aaaaaaattt cccganagta	780
tttttttcca accccnaaaa aacaagcggn gggntttttt ggccaagggn cctttccaaa	840
ctgggnnngg ggtttccna ancccnagg ttangggggg ttcnnttttt ttaaancccn	900
tttggnnttg ggaanan	917

<210> 1555
 <211> 1011
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1011)
 <223> n is a, c, g, or t

<400> 1555
 nntatctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60
 aggnnnnnng cncnnnggtc ctggnnnnat gtgagaannn ngncaanncn tgnncggctg 120
 ntgccttggc cntgnacntc nnnacnnntn aggnngcnca cacnctggct ngnacnnncg 180
 canatgncct tacngnnnct nggaccnaaa tgnnnngcan gacccggnac tnnaacngnn 240
 tacangntgn catcngggnt ntgnnanncc tgcnggntta cnnngtggct nnnannngntc 300
 angcttngca agggnnntnag atgactnnta nagatncnan gncnaancng accnnngntc 360
 tggccaggat tnacnaacgc cctctgctac atggtnagtg ctgtgngaga gnnnatgaa 420
 ctnanntttg tattnntggc cctnnnnngnt nnnantncca cnnactggaa gntnatgatn 480
 ngntatgaga gcnnncnngn gtctnacctg cgcntactnn atnnncgnan cctgancncn 540
 cacgnntact tncntngnnt gacntcgnac tacgggacnc ntgcttcann tacagactgn 600
 ncccttggtt actgaatcna ccnagattgc gancctgncn tnntannnan tatncntanc 660
 ntgcntggng aaganancgt ncttatnact ngctgacctn tttcccggnn anagtngctt 720
 gcatttcnct gcnaacctat caagaatgnt ttggnttacn agnaaaacnn acctccgccc 780
 cnnntaaana tntggcgcca nctngaanca natngtntt tgcncctgtt nntaagcccg 840
 nnacntgggg gnnatttata ntgcnttgct ttttgannct tttnggccct tttcntccnc 900
 naaaagccaa aagcaattnn gnttnttga aacntccttt gggngngctt gnntcccccc 960
 nccntggant nggnangttt tttgggntnn ggtgggccnt nttaaaantt n 1011

<210> 1556
 <211> 1706
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1706)
 <223> n is a, c, g, or t

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<400> 1556
cccccnctc tctntnccgc tntnttttct gnttntntn nnttntntc tcntncccc 60
tcncncntn tttcncngc ccngcggcgc cctctnctc cncctngngg cctcnnnnc 120
anatgnntcn nnnnnnttt nagccctttc agtggagtcg tattncnagn ggagncgcct 180
ctaanaacta gtggatcccc ncgggnctc nngtcntctn ggntnngntn tttttcctn 240
ctcnennacc tctngtnttt ttnccccng ggggnncct ncctccttgn nctttcctn 300
cgcccnctn tttccnggtt ttctcctnct cctgattctc gtncngnccn tactcctggt 360
ttgncntnt tccctgtncn ntcttctnct cttnccgcg tntcncngc ccnctacct 420
ccgcccntn nncnnttn ttncngncc cngttcctgn nctctngngt ncctncccc 480
tctcctcctn ttncctngt ncnacnct ncctcnct tannctngcg gcctntccc 540
cnnncncc nncctcctc gntcccnctn cncctttctc ccgcnccnt cncctccggc 600
ntcccttct cctccttnc tcccttccc nctgcnnc tnnncnccct ntngncccc 660
ganannnnnt tncctcngg ccccnctc cncnntta nntntcccc tccgtccacg 720
cgctcctct cncgtcgnnc cnntagnctn ttccgncng gccgcncn gttnctnctc 780
ntccnntt cntcactngc gntcccgnt ncnngncant gnnctnnnt cncctcngt 840
cncctnnnt nntngcctt agtccctcta tntnnntcn nccgtctcc nctctcngt 900
tcnatntnc gtctcngng nnnncnatg tntctnctc cgnnttgtn aatctnctc 960
nnntctntc ccgtcgtggc nctgcnnc nccctncaan tctccactt tttcccttc 1020
cnnctcctt cntctntn tttctccgnt ntncccggt cntcccncc nggtcnccct 1080
cagcctcct ntncccncc tcccnccgnt cctcncgac tncctcctgn cgcncctcct 1140
ntgntgnnnt cncctctct acnncnncn ctncnccnc tcnntact tcgtatggng 1200
ctcnanctc ttncngctn cctntttct acntnctcn tctnnngct ntntccgcc 1260
gtntntnca ttgtangng nctctctccg nctncnctc nttcnngtct cncctctctc 1320
tctncnnt tntnnnccct cccgcncgt cgttctcctn tntntntgg cactcncgt 1380

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ctgntcgcct cgctncntng nntncnctcg tnccggtttc cccncttctc tnttccnntn 1440
actgtcnnct cccacacnnac cnntgcntnc tncntnccct cctnttcccc ccngcgtgnn 1500
cctcccnncg ngctctntcnc tcatctcnnc ttgggtctga cgcntncgct aaggnnnnc 1560
nccnatnccn tngctcncctc cgcncctcttc cntccttncn gtncggtann gcaccnecat 1620
nttngtganc cntcgcctct ggnccnccnc tnccgcttn gtgctctact cgntccgcn 1680
cncntnctc cgtctctccc ncgcgc 1706

<210> 1557
<211> 1109
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1109)
<223> n is a, c, g, or t

<400> 1557
gccctatagg gagncgnatt acagtggcgg ccgctctaga actagtggat cccccgggct 60
gcaggaattt cggtagcagg attnttgtca ncctgncgac cnggangggg ggtcnngggg 120
angcaatttn gcccatatnn tgatctacnt cttacnncgt tttttaaatc cgcattgagan 180
gtcccagtga cacngngaga cnatncacag ngntcntngn nngctncgaa tgaccncttg 240
nnngnnatca tgaccagncc ganggntgat tntagaattg cctgtgggac cagctaacnn 300
tcnngctgng gcnnngcngt aagtatntgn ntgnantgnc ccnaatctan ctgnngangg 360
actnaacttt gnntattnnn nncatctggn acncgnanca ncagcagaga ngcntctgng 420
nntngaacga cnnnctctgt gnatatann caattnnggg ggnacanctg ccanancacc 480
tnnnttgnt anttgngcat anctgnaaag gnantnnntt cnnctctnac cgtnggggctn 540
ttnaagnaac ncnttgntnc agngtgcnt gntctntng anacngant gnnntnnncc 600
ncnnntcgna ncnnatnnnc angnangana ngnangnggc cagtnantnn ngnntcttan 660
accnantccc nntgcactac ttcttagcnn aacctnctgg ncttnaannn ntncnnttaa 720
gaanttnnat ttttctactg tcagnnaant taatcgtcnn nnngaatan ttntccnngg 780
ggcnngaaan aattanctaa ntccttant gntccacntn naaggtgcct gntcccctng 840
nancgaaaan gancttctn cacttggggn ncgnncnntn aattnncaaa atnanntnnc 900
nnntnnnttn ttctgnggtg gttgttgtn tttnaacnan tgcntctn nncagnnggn 960
aggatntctc ctgnatnact tcntagagna antnatctnn cnancnannn ttctntnaan 1020

aggncctatta ncngtcctnc gntanantng nnaannagnc cagnacccca ctgtnttgtc 1080

tgngnttnnn nntatnnntn gnnnnnccg 1109

<210> 1558

<211> 960

<212> DNA

<213> Bovine

<220>

<221> misc_feature

<222> (1)..(960)

<223> n is a, c, g, or t

<400> 1558

ncnnnatctg gagctccanc ncngtggcgg ccgctctaga actagtggat cccccgggct 60

gcagganttc ggcacgaggg tcctacaagg tgtctacctc tgcccccagg tccttnanca 120

ncngttccta cacnattggc cccggttccg nattaanttc ttggncnttt nccnannggg 180

cnnnnacaac cnnttttngg ggggncnngg cncnngntn aacntnggtn gaancnccg 240

gggggnccca ngnttggggg gcnttacanc tnnaccnng aacaaaaacc tgntnanccc 300

ccttaagctg gangnggatn ccaacattca agccgtccgc acccaggaga aggagccgat 360

caagaccctt aacacacaca atttgcctcn tctttatgac aaggtgcnac acctgtgagc 420

acaaagaana nggtncctgn agacaccatn tgaactcntg nccatacat aaaanntgtg 480

cggagcnana tatacancat gtntgtgagn tatattnana acctctgtcg gcagntgna 540

actctgnncc acgagaaact nnagactgta aaatgnngct tgcncatgt aggggctggt 600

gggggactnt tcaacaacga ttgnnggatga tgatannaan cncananaat cgnngaata 660

atthttctca tcaanaang atgtggatga agcttntntg ancaacgtgg aactgnngc 720

ccccctgcn angggctgct tgatggaaaa naactttttc cagccgctgn nttaaaaaag 780

aaaatccttn nnaaannagc ctnactnttn ttttcttacc cccnngggc ctttttcttg 840

gaacaaacaa ccccanctt ggancttga tngggnttna ttccnttggn gggnannggg 900

ccccctttg aaggaaaaann ncncncccc cccnngnctt nataccnaag ncntttttcn 960

<210> 1559
 <211> 960
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(960)
 <223> n is a, c, g, or t

<400> 1559
 ncnnnatctg gagctccanc ncngtggcgg ccgctctaga actagtggat cccccgggct 60
 gcagganttc ggcacgaggg tcctacaagg tgtctacctc tgccccaggg tccttnanca 120
 ncngttccta cacnattggc cccggttccg nattaanttc ttggnctttt nccnannggg 180
 cnnnnacaac cnnttttgng ggggncnngg cncnngnntn aacntnggtn gaanctnccg 240
 ggggggnccca ngnttggggg gcnttacanc tnnaccnng aacaaaaacc tgntnanccc 300
 ccttaagctg gangnggatn ccaacattca agccgtccgc acccaggaga aggagccgat 360
 caagaccctt aacacacaca atttgcctcn tctttatgac aagggtgcgnc acctgtgagc 420
 acaaagaana nggtnccttgn agacaccatn tgaactcntg nccatacat aaaanntgtg 480
 cggagcnana tatacancat gtntgtgagn tatattnana acctctgtcg gcagntgna 540
 actctgnncc acgagaaaact nnagactgta aaatgnngct tgtcncatgt aggggctgg 600
 gggggactnt tcaacaacga ttgnggatga tgatannaan cnccanaaat cgnggaatga 660
 atttttctca tcaaanaang atgtggatga agcttntntg ancaacgtgg aactgnngnc 720
 cccccctgcn angggctgct tgatggaaaa naactttttc cagccgctgn nttaaaaaag 780
 aaaatccttn nnaaannagc ctnactnttn ttttcttacc cccnngggc ctttttcttg 840
 gaacaaacaa ccccanctt gganccttga tngggnttna ttccnttggn gggnannggg 900
 ccccccttg aaggaaaann ncnnccccc cccngnctt nataccnaag ncntttttcn 960

<210> 1560
 <211> 988
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(988)
 <223> n is a, c, g, or t

<400> 1560
 tnnnnaaagc tggagctcca ccgcggtggc ggccgctcta gaactagtgg atccccggg 60

ctgcaggcct gacctggcag gcctggaggg gctgcggcgg cgggagcagc tccccagcct	120
ggcccagcag gaggaccag aaaaggtaaa acttctgcct gaagttcaac tgtgcctcga	180
gacgtgtgct cctgaatgcc agcagagcta tgggaagggtg gaaagtacac agctcgacaa	240
cgagtcccag tgaggccagc ctccggcctg acagcagagg aaccaaccca acctaacatg	300
tcaccagtgt caaggatgct ccaggtcctt gcaggaccct ggcaattccc acccagttag	360
atthttgctcg acaaagcctc tctttcattc tccaaagcat ccacgggctt cacatttcct	420
ccagaggcct cccaggaana acgctngatg gtgtctccct gctggcanan aaaagccctg	480
gnagctggtg gcctgcacca gtgcgtgatg tggggtgacn tgnccggccgg ggggaccccc	540
gcggggggcct caaaaagctc anagaaagga agcncnttc acaaagatac cttccccccg	600
ccccagcctg ttgagccgna aacaccagc catcctgaaa gccacagnt ttgccaagga	660
ctttccttgt ngggnggggn ccccttggg cttcattaaa ataaaaaagt cgtcgnngca	720
accccttna aaaaaaagg ngggccnaan tttngggnaa atcccttgcc ttttttttg	780
gctggacctt gcccccaat tgggggtttt gcccgggcaa ggggncccgg gccgggccc	840
tccngggctt tcntttgggg caccctaata tggncctggg nnnngggccc ccccccccta	900
aacaaaaaac anggccttta aancncggg gggacntttt taacncccct tttggggggg	960
gggttncccn tttggcctt ttcncca	988

<210> 1561
 <211> 977
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(977)
 <223> n is a, c, g, or t

<400> 1561	
ttnaaaaaaac tggactcccc gcgggtggcgg ccgctctaga actagtggat cccccgggct	60
gcagggtttg gtggactcag acagnccata gtggcctttt gaccttgagc aaggggctca	120
acctctctga gcttctgtct cttctgcaaa gcggagctct taatagtggg aaccacaac	180
ggcgaggaag ccagccagtt tntgggtaaa acccttggcg tncattaaag ctgatttctc	240
ctcactggcc ctgtgaagca ggttcagtta ttactctacg agatagatgg ggaagccaag	300
gctganagaa gggttggggc tgggacccta aacacctgag tgcaanactg gccccctcc	360
accgaggga gtgggctgaa gcctggccca ggcgacccc tcntgggga gagcctggga	420

tgcccttcag ccttagtggc tcctgactca tggagccctc agccacccca gggccccaga	480
tgggggtccc cacggagggc agggaacggt ccccgagacc tccanactat gaanacnagt	540
ttctccgntn tctgnggcgt gattatctgg taccogaagc agtaccaagn gggctcctnat	600
cgnancctac gtggnttgtg ttnttcgaan ccctgggggg caaacacact tgggtgtgcct	660
ggccgtgtgg cncancccc ntganggacg gncaccaaata tactttattg gnaaacctgg	720
tccctggggt gacgtgcntg gngaacggcc atttttgcct tgccggntaa cnttnttaata	780
aaaaaaatca cntggaatcc ttgggttttt ttggggccatt gcccnttttg gaangggcaa	840
ttccccntat ttacanggn ccggtttttt gtttccccng ggcaaaggct ttaanccctt	900
aaattttnt ttncctttg ggacccgggt gggntttgcc anttttggcc cnccttttg	960
ntttttnaaa aaaacca	977

<210> 1562
 <211> 968
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(968)
 <223> n is a, c, g, or t

<400> 1562	
caaaagctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg	60
cagggtttttg ccagcctcag acatactggg tacatctgta ttgaactttt gaccctagaa	120
accaatggag ttatttcacc acaaataacg aatatgcctg aggtgcatgg gaatatagtt	180
agctgtactc tgaagataca tttttttttt tttanctagg gccncancn tntaacnng	240
taaaagnaaa aancngtnnn aaangtncnt ttttnagtn cnccaantgg naaccntttn	300
gcngntnngg ggntaaaant ttctttgggc canttancta tnggattnat nttnatnata	360
annggtnatt aaattttttt ccnaatttan ccngntanc naancggggt tnncaanan	420
ngcccaaata gtanggtngc cngnttcann aaaangggtn ttnggnanna ntnttanaan	480
ccntnncaaa tttnangcng gantnnacaa cntcntcaat tttnataaa aaaaatcttt	540
ngaaccsaan gggatnaatt angggttatt aanaattggn ttgganactn nacnggggca	600
aattttttta aaggagnaaa ttggccttta taangnaaat nggggatttt ggttnnacan	660
gggggttcct ataggtttta attttcannc tttnaaaaaa caaaaagggt tnggggaaat	720

tggggnanaaa ttttnaaang ggtaccggtg ttttaaaaag cncaaaaatt ttccccttgg	780
gaannngcct tttaaatncc ttttaaaaaa ttntntnntt ttaaaatcta nggggaaant	840
tttccncgga aaaatTTTTT tcanggggtc aaaaaanccc tttntTTTTT tnaacatttg	900
gggccccggg nccggggggg gnttgncccc anaaggggcc tttnnaaaaa aatttaantt	960
aaattntt	968

<210> 1563
 <211> 928
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(928)
 <223> n is a, c, g, or t

<400> 1563	
ttnancaanc gctggagctc cacncgcggt ggcggccgct ctagaactaa gtggatcccc	60
cgggctgcag gaattcggca cgagggtttg atataccttc tatttttatg gagaacataa	120
gtttaattgg tgttttgtgt ttctaagcaa ttgactaata aaacacaaag ttggttagta	180
attattttgt taacttggtg aagtcaagta taactattat ttattacttg tacattngat	240
aagaaaattt tcagattttg aatngcacag atcacattat atctattgca ttacttttct	300
atacttctaa ctggtctcta ctctggttga tattttttgt agttaacttt acctatgaaa	360
acttttaagg gtttataaga ctcaaccaga actacatata tgggtgattat ctcatthaatt	420
aacagcataa aattttatact ataatgtttc agtcantata attccactta ataattagtg	480
aaaatttcat attatcctaa gtattacagt attagtccat ttttttcttc tcctaaatga	540
aggggtggtt tattttgggtc tgggggttat atcattaacc ttcttttaat tcttttttgg	600
gctgggggna atattntan atnacngacc ccctctaact tacanagnna ntagagacat	660
ttaaaaaac ctngnggggg ggcccggnc cccaattcnc cctatanggg gggngggnaa	720
aaannnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnngn cnnnanaana anncccnnnn	780
annnnnnntn ncccncccn nnanaaanch nnnnnnnngn nnnnnnnncc nnnngnnccn	840
nnnnnnnnnn ggnnnnggn nnnnnnnnnn nccccnnnn nnnnnngnnn nnnntttnnn	900
tnaanncccn tttnnnnnnn ggnannnn	928

<210> 1564
 <211> 984
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(984)
 <223> n is a, c, g, or t

<400> 1564
 aaanctggag ctccaccgcg gtggcgggcg ctctagaact agtggatccc ccgggctgca 60
 ggaattcggc acgaggggaa tatnttggtg ccatttgctc ctgcacatgc tttggaggcc 120
 agcggggctg gcgctgtgac aactgccgca gacctggggc tgaaccgggt aacgaaggct 180
 ccactgcccc ctccataaac cagtattccc agagatacca tcagagaaca aacactaatg 240
 tcaactgcc aattgagtgc ttcatgcctt tggatgtaca ggctgacaga gaanattccc 300
 gagagtaata tttccaaccc agagaaacaa gcgtggatct ctgccaaggt ccatccaaac 360
 tggagtgggtg ttgcagacc ccatgttagt gtgttccttt cttagccct ttgctctgga 420
 gtaacttctc cagcttcagc tcaactcaca gcttctocaa gcatcacct gggagtgttt 480
 tcagactttt ctcatcatg ggagcagtan gttatctatt cttcaaaata ttccatgcca 540
 atcagtattt taaatgaagt gattctaact tgtgatnngg attgggatcc ataggggaagc 600
 acatgcacca accaagatac aaaatgtctt gaaatgatat taccaaaatt ntaagtagga 660
 aagttacctg aacacttctg cttncactta actgactggc ccgcaatatt gtangaaaca 720
 agcatgggtcc tttgtactgt ggnattcaaa acagccacaa gtactcactt tttccaaaag 780
 gaatctagta attggctaaa aaaatctttt tcntttaact gattaatcaa atttttccag 840
 tattttttat atgggaaaaa aaatggactg aananacnta atatgcagtn gataanaagg 900
 naactgggcc naatatgggg ggggatattt tttataccgg atgggnccaa gctttntac 960
 tggggnaaan aaactgggtt aant 984

<210> 1565
 <211> 1014
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1014)
 <223> n is a, c, g, or t

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<400> 1565
ncctacngga gctncaccgc ngtgggcgcc gctctagaac tagtggatcc cccgggctgc      60
agggtgaaag ggaactgttt agttttaaca agactaagtt aatcatggga gccctcaggt      120
gaaagagttt tagtaacaac aactcctctt tcccatagtc aagggtggatt tgtcaggccc      180
acctgaaatg tgcccatagt caaatcattt actcgctcct cctanatcgc tgcccttgac      240
gtttccatt gctgtacgta tttctatgta tctgtttttc tcttagaatg tccacctctt      300
gggacttgct tagatgactg aatatgaata ttattggtat tagacaataa tttgctttcc      360
atccagtatg ctagttctta ttcaagaact gtggtcagag ggtatttgta tatgagtatc      420
ctttgcttgt ctttctagna ctgaaaattg acagaagtaa ctggctgtgc agaatgtaat      480
agaagctttt catattcttt tattcttaaa atcagtatct ttttacagta ttctttctac      540
atgatccttt tttgtacatt taagaatatt ttgattacat taaataagac tgctgatttt      600
gctacttttt ttaaggggtc ttcaagtaag taaaaaacat acattatagg gtagagggaa      660
atggaccttg aatttctatc ttctctcca cactaaagct gnaaacactt tgacatatTT      720
tgnnctgaaa cacttggggtc aaatatatac ctntttgggt ttaaaaacct ggtnccaatc      780
aaantntttt tttttaaaat tttaaaaggc tngngggaaa atnaaccctt tttggangga      840
aaaaaggggg gcctccaaaa ttttagggaa gggatntgaa tagggcccag nnttgcnnaa      900
nncnnatant taaaattttc tnaanttnnc cccccnaaaa aaangggggg nngggggcca      960
ntaaaaaaaa aaaactgggt nnnnngganc ctaagggnnn nncaanggnc cccg          1014
  
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<210> 1566
 <211> 976
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(976)
 <223> n is a, c, g, or t

<400> 1566
 gccctatnng gagnngnatc ncagtggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggcaaaa tcaacaccga tgagattatg acctcactca aatcagtcaa tggacaaata 120
 gaaagcctca ttagtcctga tggntcccg n aaaaaccctg nacggaactg nagggacctg 180
 aaattctgnc ntntctgaact ccagannnga gaatattggg ttgatcctaa ccnaggggtgc 240
 naattggatg ctnttaaagn ctactggaac atggaaactg gggaaacgtg cntnagtgcc 300
 nntcctttga ctatnccaca naanaacngg nggacngatt ctggtgctga naanaaacnt 360
 gtttggtttg ganaatccnt ggaggggtggn tttcanttta nctatggcaa tcttgaactt 420
 cccgaagacn tctctgatgt ccantctggca ttcctccgac ttctctccag ccgggcctct 480
 cagaacatca catatcactg cncagaatag cattgcntac atggatcatg ccagtgggga 540
 atgtaaagaa agccttgaag ctgatggggt canatgaagg tgaattcang gctgaaggan 600
 atagcancat tcacatacac agttctggag gatggtgtgc aaaaaaacac actgnggaat 660
 ggnggccaaa aacagtcctt tcagtatcna aacacgcang gccggccaga ctaccctatt 720
 gtagaatatt tgcaccctat tganattcgg gggggccntg atcaaaaaat ttgggtggcc 780
 ggaccatnng nccccggtn ttgctttttt ttnaaaccca aacttctttt ccaaagnncc 840
 cacaaaaaag ccttcccccc tnccattatn gtttcccttt ttggttnctt aaatccttgg 900
 tnagnccngc taccaagtng nccaaaacnt tcccantttt tttntttttc ccnaaaatn 960
 tctttggngg aaaaaa 976

<210> 1567
 <211> 925
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(925)
 <223> n is a, c, g, or t

<400> 1567
 aaanctggag ctccaccgcg gtggcggccg ctctagaact agtggatccc ccggcctgca 60
 gggaaaaaag aaggttcctg ctgtgccaga aacccttaag aaaaanncgg anaaatttcn 120
 cagaanctna naatnanccn acngaaaana annttgnccc aaanaannnt ncaaaggnc 180
 gggngnancn tanttnttaa aaancntanc cttncccccga ggnatnccng ccnannnncc 240
 naacnnnaat tncaatggnt tnganggnnc caaaagccng tnacttntnt nnncccnng 300
 aaccnnaatt ggcgtttggc attcnganna nangnatnaa tgggtgtganc cccaagggtc 360
 naaagggtcg cancttcttt ccttcgncng atatttncgg ggccttttga nnctcaccac 420
 ggcgtnaatt ncatgctctg aannttggag ccctacannn nntgnggggn cacnatntg 480
 aaatctgtga atganntnan ttacacncgn ggntcgcng aatctccaca aagcgaattn 540
 cctgncacac aangcatnna ttgctcnatc tcttgggaaa natggaatca tctgcntgga 600
 ggatctnatn catgangaca tatncncggg anacgtttna aaaaagcaaa cacttccttn 660
 tggnccntta aaantcttct tcnncacggg ggggtgaaga aaaaaaacc cccctttttt 720
 gaaagagggg gangcttgct gccagnggag aacacctnaa cnggcttttt tataaggang 780
 aactacngng tttccnggaa gattattggn ngtcnggggtg gttaaacaac cnnacccaaa 840
 aaaaaaaaaa aaanntnng gggggggggc gggccccnn nnnnnnnntt tttttnnggg 900
 gggnnntntt tnnnnnnnnn nnnnn 925

<210> 1568
 <211> 925
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(925)
 <223> n is a, c, g, or t

<400> 1568
 aaanctggag ctccaccgcg gtggcggccg ctctagaact agtggatccc ccggcctgca 60

gggaaaaaag aaggttcctg ctgtgccaga aacccttaag aaaaanncgg anaaatttcn	120
cagaanctna naatnanccn acngaaaana annttgnccc aaanaannnt ncaaaggnc	180
ggngnancn tanttnttaa aaancntanc cttnccccca ggnatnccng ccnannnncc	240
naacnnnaat tncaatggnt tnganggnnc caaaagccng tnacttntnt nnncccnng	300
aaccnnaatt ggcgtttggc attcnganna nangnatnaa tgggtgtganc cccaagggtc	360
naaagggctg cancttcttt ccttcgncng atatttncgg ggccttttga nctcaccac	420
ggcgtnaatt ncatgctctg aannttgag ccctacannn nntgngggnn cacnatntg	480
aatctgtga atganntnan ttacacncgn ggntcgcncg aatctccaca aagcgaatn	540
cctgncacac aangcatnna ttgctcnatc tcttgggaaa natggaatca tctgcntgga	600
ggatctnatn catgangaca tatncncggg anacgtttna aaaaagcaaa cacttccttn	660
tggncntta aaantcttct tcncnacggg ggggtgaaga aaaaaaacc cccctttttt	720
gaaagagggg gangcttgct gccagnggag aacacctnaa cnggcttttt tataaggang	780
aactacngng tttcnggaa gattattggn ngtcnggggtg gttaaacaac cnaacccaaa	840
aaaaaaaaa aaaanntnng gggggggggc gggccccnn nnnnnnnntt tttttnngg	900
gggnntntt tnnnnnnnnn nnnnn	925

<210> 1569
 <211> 1015
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1015)
 <223> n is a, c, g, or t

<400> 1569	
ttgaanaacn atctggagct ccaactcgcg tggcgccgc tctagaacta gtggatcccc	60
cgggctgcag gantnnggn cgaggccttg gtccagcgct cgaggntgnt ctgcctnctg	120
ttnatncnt tnnttnttct cctactngct gancgccntc gggggcagct ccgcancccg	180
cgccanggtc ttcannntna nccngcanan cttngcctn gtggnanacg acgattggct	240
cannangggg tatcgggtgag ctcatnggta agnncatcta tgacttcttt gctctggnta	300
tcttaaagct ggncaactgt cnggttgntg ngjttgtggg cncctccnat gccccatgat	360
ttngcgacan tccgctgcag gaatcttgct ccntccttg ggntncgna anancgagga	420
gaataaagaa gagttnngang anctcngang aatgacctg ggctttggnt tgntttnact	480

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agaatcccccg ctncctggg aaatannacc cctttttntg tnaaaaaaaaa aaaaaaaaaa 540
aaatttttgg gggggggggcc cnnngccccc nntnnccncc tttnttttn nnnnaaaaaa 600
aaccctttt cccntnnct tncctccanc ccggnantgn ttttncntna acacnggtgt 660
ttnttttngn cgtcnnttt annnccccct ntntannccc ctntttttt tanngttttc 720
ctttncnnc cngnngtggg naccctncc nntnttttn tntncttgng gnttcncng 780
aggncnncn ctgggggggn tnccttttcc cgtncnanna antanctnnc tattnnntna 840
atttcttng ggtgtgnttn gccnccccnc aaaatcgtt ncngggggnn ngnttttntt 900
tnaaccncn nttntttttg nnnnnggggg ggngaaaaa nantccnccc nnattatngn 960
cccccnann ncncnccn tttttttgca naaacnnttt tttncccncc tgcct 1015

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<210> 1570
<211> 1000
<212> DNA
<213> Bovine

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<220> .
<221> misc_feature
<222> (1)..(1000)
<223> n is a, c, g, or t

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<400> 1570
ttgancacag ctggactcca ccgcggtggc ggccgctcta gaactagtgg atcccccg 60
ctgcaggng gagcanagg ncccaccgnc gacnnngag ggaactcnnt nactggnncc 120
gtgctcatct caggancana nccattnctt agngagataa tatagtatca aagcaacatg 180
caaccnanac cttttgacat tttagggcta gttggtactt nccantanac atgtttggtg 240
gctggtgtca aangtccgna aagnattagc tgccangna gnggaatgct tgcttttatt 300
aaaatgactg tantcttct tgttncagac aagctatcat tggaaacctc cttttacagt 360
acagggngnt cagaaacgtt tttagtnctt tgaaagcact atatttatgt tgctccangg 420
agttgatatt tctccagggt taaanagaat nacagcttct aactttta tanaantgna 480
caagacagaa agccccgngg anaattaaag ccaaanaagga tttttcattn taattntngg 540
gggggaaaaa anatcccaag cnttgtggan ntaaggngtc nccccatcca aaacnntggt 600
tccntttggn taaaaaaant ctttccttgg aagtttnaaa ccttgaatng ccnnnaaact 660
tgggttnggn ngggggtgnc ncttaattta nggggggggg ggggggnggg tttggggggg 720
gttnaaaaaa tnaaannnaa gcctngnggg cctattttn ccacnnngaa atttaccngn 780

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gnggttcccc caaccttttt agannnggcn ttannnttgt aaagggtttt ttgccaaang 840
 gaaaggggac cntcaaaagg ccggaanch nttttttttt tttnttangt taanggggaa 900
 aangngccct ttttggggan nanaaacggg ggncccaaaa aaaanggggg tnttttnggn 960
 cnaanatttn aaccgggtt ntgnccnnc tttttaggng 1000

<210> 1571
 <211> 1033
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1033)
 <223> n is a, c, g, or t

<400> 1571
 tnnanaaagc tggagctcca cgcggtggc ggccgctcta gaactagtgg atccccggg 60
 ctgcaggaat tcggcacgag gctcactcct ntgggtgganc tcancactcg ggaggccctc 120
 gtntnangga cagctgcttc tcccgggctg ggcttttctc cctgagctgc tcagctggaa 180
 ccagggacac ggtctgagcc caacgccagt gtctattttc cacaaaaacg ggcaatgctg 240
 ngagagccat cggaagactg tcctctatgg caatgatctc agggtcagt ggcaggaaat 300
 cctcaanagg gtcaccaacc ngccnctca atgcataaaa aactagaatc tgannatgnc 360
 tcccaagctt tcctgaagnc tgcgctgag gagaancccc atgtaaaacc ctactttccc 420
 anaaccattt cgtgacttag aagtngggaa gggaanggct gctaaaantt gacttgaaaa 480
 aatggaagga taccncngac ccctggaagt cgttctgggt tcaaggaatg acccattcaa 540
 ttccngggag ggcccgcca ctttccanaa tggacttacg gatgagggat ggggaacctg 600
 gcttctttna atcattaatt gaangtctgg cggngaata gaagaatgcc aaggacnccc 660
 tggcaaagnt tggaaaacag gncttggggn aaacccccct ggcnaaccn naacnttatt 720
 cgnggggaaac cnttgggagg gaanggaaaa aggaaaaang ggggannaaa aaggngggaa 780
 ggaaaaaatt gaaaccaana gccnngngg anaaaccagt tttttaaggc cgtnnttacc 840
 aaaagaactn tttttttttt naaagctcna aaaaaaaaaa aaaaaaanaa ctcggggggg 900
 gggggccccg gncccaaat ttnccctttt nngggngnn nnnnnnnna ananagccnn 960
 nnaaannngn nnnnttngnn nnaaanttan nccnngntn nnnnnnannn ntttttngn 1020
 nnntttnggg ann 1033

<210> 1572
 <211> 981
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(981)
 <223> n is a, c, g, or t

<400> 1572
 ttggaaacn ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atcccccggg 60
 ctgcaggntt ccttatttnn naaatnggnt cttaaaatag gttcatacta tcctttgngn 120
 agaattgaaa acctgcaaga atgttggttca tacatatcat ggaaattgca cagtaaggga 180
 gattttcatg taagatttgt tgaactantt gcattaattc atagccatac ttgatgaatt 240
 aagtcacagt ggctgacatt gattctgaat aaattgacct aaataagtan gtattaatgt 300
 actctnatct aaaactaatt tagcatattt gttctgtttt tgaaagaaca ggaattgccc 360
 tttaatactt gtttnaaatt tgagnaccta aaccttcaca cgagtataga ttcaaaggn 420
 cacatacatt acttttataa agnccgttat tattgattta ttttaacccc naatctgaga 480
 canatnaaat attgntntat ttgaaaaatg tcntttcttt ccattactgt catctnacat 540
 tcccccatc ttgaggggaa ngantcagcn ctanggtgnt ttnatggatg tgagtatttc 600
 tcattttttac ataaaacttc acaatttata cttctccaat ctcttaccga actttacana 660
 ntttaaaaan nantcntttt anggcctanc nanannaact ngnttttntt ntntgngann 720
 ancagnannt tntttattnc cttnatcccc gcccnttttt attttngact tttanncctt 780
 tannttnttt tagnncccct gtnttttntt tnttattatn tcnannccnt atntnntntt 840
 ctctttaann ntnttttata nntttcactt tgtttttatt tantnantca tcanntcttn 900
 cntnntanta tnnattntnc tantatctct ntttccatnc nnatanaat tnttatntca 960
 tntatnnttt nnctcntttc g 981

<210> 1573
 <211> 981
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(981)
 <223> n is a, c, g, or t

<400> 1573
 aaanctggag ctccaccgcg gtggcggccg ctctagaact agtggatccc ccgggctgca 60
 ggaattcggc acgaggatag acttaaacga atacattaac ggtgctaaac acagacattt 120
 taacccaagt caccgacattc ttagctgtaa ctgagctctc acggcctctt gctcaccat 180
 gaatgggtccc gttttcctct tgccgcgtgc acctccaccc attgtcttgg tggcacatgg 240
 gtggaacact tgatctgctc gagtctgcct tcaacacaca ttgcatcttc agattttcta 300
 cttttctgtt caaaactaat attcaccaag tcagactttg tgtaattttt atatcagggt 360
 attggctgcc aggggggtcat ccctaagtgg cctgaagatg gacaaaggga agtaacaggc 420
 acgtgatgtt ggcaaggatg cttctagggc tagaggatca gtgggtgggag agagctgcag 480
 aatccaccag ccagaactgc agataacgaa tcttatggtc aggggctgtg actgagagaa 540
 ggaaactgag gttgtgttct gaaagtacat aaactctcac atatacccag ttcttcacca 600
 tctcccctcc tcactttgca gtgccatttc tttttgcatt angcaatttg ctgagacttt 660
 ccaaagccat ggcccatccg ttctctggaa tccccacac cttctgagan gtggatcacc 720
 acgtcctgca nggctgctcc cttccaaact acctttaaga agatgcagga caggggagct 780
 gtttcaacca gaaagaccaa aatcaanncc gaggagccaa acgtggtaaa acagaaaaan 840
 ggcagggggc naaatggttt ncttttgggn ttnggtttc tttttttcca tctgggatgg 900
 gtggcccan anantnttta ntgcntaac atggtnttct tttttttccc ttccaantt 960
 tttttttttt ttaatnaaaa a 981

<210> 1574
 <211> 1010
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1010)
 <223> n is a, c, g, or t

<400> 1574
 ncnnnatctg gagctccanc ncngtggcgg cccgctctag aactagtga tcccccgggc 60
 ttgcaggaaa ttcgggcnac gagggtcacg caggccctgc tgggcccgcg gtcctgcct 120
 cggaccaagg aggagaagca caanccagcc cccaggagg actcgggtanc tgccagcaag 180
 caagcttccc cagcccccaa catcagcagc ggctcccaga ccccccggcg gaaaaagncg 240
 ccgtgatctg tcagccacat gtccttagag ggctcagggtc gcgcttgctt ctggctctct 300
 gccacaggag ggcccagccg ccgtgcctta gccagctgcc atgcatacgc angtcagggn 360
 gctggcctgt gggggggcgc agcccttctg cttcaagggc atccccccac cccaccacg 420
 tccggtccca ggacaccctc tgacctgctc gacggcccag gagggccatg tgtgacctgg 480
 caatcgggga cccttgctct ntgccccac ggcaggggtc cgagtctgag cccaacccc 540
 ggctcctgca cacggggtgg aggtagggtg gnatgaagct gaccttgctt ggggagagga 600
 gggaanaccc ccanggtctn ctctacagca ncctgtctgn ggtccgnatc cgtgaaccaa 660
 taaaggcaat tgtgncttga cccnnntgn nttnananna annaatttgg ggggggggccc 720
 ccnaacccaa attnnccntn nanggggnnn nnnntnacn nnnnnnggg nnnnnnnnn 780
 nntnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnaannna nnnnnntnn 840
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn 900
 nnnnnnnnnn gnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntnnnn 960
 nnnnnnnnnn nnnnnnnnnn nttnnnnnnn nnnnnnnnnn nnnnnnnccn 1010

<210> 1575
 <211> 1128
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1128)
 <223> n is a, c, g, or t

<400> 1575
 gncctatagn ggangncgna ttincaagggc ggccgctcta gaactagtgg atcccccggg 60
 ctgcaggann ncgccatnat gnanttttgn tgccctnaac cttcaacgag gntcncggga 120
 anntgannna catantgtnt annaaatttc aanannancn gatcntggat gaanganatt 180
 ancgcaggan cntccantgg tnnnctaant gganncncaa actggtnena aanntntaan 240
 ncntnnnnnaa anccgataac nccnatatit nttntactt ctgnnnagna tatctncccn 300
 nnacnnnata gcaagtcnnn gcgnantntg angntngact cttnnnnana anannganna 360
 naccatccnn cattntntat cnangnaagg aannanangg cnnatcannt tnagnnancn 420
 nccncntttt tantcntngt attnngtnga ntnaannant nncnnannaa ntcnannnna 480
 cnaaggnaga aaagtntctnt tnnntntnaa taanatnana gnntacnttg tntntatcat 540
 tcgngctgcn cnnnnnnnnn anagntatnt gnnntntntn tngantgnnn nngggnaagn 600
 nntanantnn actcacngta aagnanncn ntcntctcc tagcancntt tcgtnaccaa 660
 nncctcctcn caaaagnagn atntaangan atgatgcnaa ngctcnccaa acnnnataac 720
 atnntaancn ncnnaanantt natcantann catntnnang tnnngnnnncc acattcccat 780
 atcatatacc annntttctc ngncctgncc acgangtttn tnatancaat ntngnnnncc 840
 anntgnnnnc ntntntntna tncannnatn naaagccntt tcggntcacn anntntttct 900
 tntntcnaa tnnncnctta nnncanaact aannccatn nagtnntntn tcnnatnttg 960
 nntccnanac ngncganctn nngnccacgn tnnanganagg ancnngntc atanccatca 1020
 ngaancnag tcnatatcgn cctccntcaa ntngacatnn nnacgtnnnc tttcagntgn 1080
 ctcgntncnc nnatgcgngn tactanagan ttnnnntgnc gntngncg 1128


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<210> 1576
<211> 971
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(971)
<223> n is a, c, g, or t

<400> 1576
ttnagnntat ctggagctnc accncngtgg cggcccgcctc tagaactaag tgggatcccc 60
cggcctgnag gtcnagtnt tttttttttt tttttttttt tttttttttt tnaaaaannn 120
nntttttttt nttttnaaan cnnnnccntt tttttnnnnn nggggggnncn gnnnntcccc 180
cccccccccc ccccnnggnn ncnnnnnnnc cnaaaaaann nnnnnngcnn ttaaaaaanc 240
cnncnaaann gggccccggg gggggnnntn nnttttnggg gggnnnaaaa attttttttt 300
taaaaaaaaa aaaaannntt tncccccccc cccccaantt ttttngggng nccccgggg 360
gnaaaaaaaaa ncnntnngn nttnaaaaaa annnnngggg gnttnnnntn ccccccccn 420
tttngggggn nggggggnntn ntttttttng gggcccnnaa aaaaaccccc cntttttttt 480
ncnnaaaaaa caanngggnt tnttttngaa aaaaccccc ctnnttttan tccctngngg 540
ggccanaaaa nggggttttn nnnaaanatt nggcggggnt tttnttttnn annctttttt 600
cccccccccc aaaaaaaaaa aanggggggn nttttttttt nggggggaaa aaaangncca 660
naaaaanncc ccccttggnn ggggggtttt tcnctggggg anattttttt tntccncccc 720
ccaagatttt ttctnaantt ttgggggggt tnttnnnngg ngaannaaaa aaaaantttt 780
tttgggttnt aaaaaaaaaa aaaccccccc cccccccnn ttttttnggg ggnccnnaaa 840
aacnaaaggg ggggggggcc cccnttttna nacncccccc gggggggggg tttttttcnc 900
cangnggggg ggggggnncg ccncntntt tttntttttt ttttgnnggg gtntntaana 960
aaannnnncc n 971

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<210> 1577
 <211> 971
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(971)
 <223> n is a, c, g, or t

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<400> 1577
ttnagnntat ctggagctnc accncngtgg cggcccgcctc tagaactaag tgggatcccc    60
cggcctgnag gtcnagtnt tttttttttt tttttttttt tttttttttt tnaaaaannn    120
nntttttttt nttttnaaan cnnnnccntt tttttnnnnn nggggggnncn gnnnntcccc    180
cccccccccc ccccnnggnn ncnnnnnnnc cnaaaaaann nnnnnggcnn ttaaaaaancc    240
cnnnaaaann gggccccggg gggggnnntn nttttngggg gggnnnaaaa attttttttt    300
taaaaaaaaa aaaaannntt tncccccccc cccccaantt ttttnnggng nccccggggg    360
gnaaaaaaaaa ncnntnngn nttnaaaaaa annnnngggg gnttnnnntn ccccccccn    420
tttnnggggn nggggggnntn ntttttttng gggcccnnaa aaaaaccccc cntttttttt    480
ncnnaaaaaa caannnggnt tnttttngaa aaaaccccc cnntttttan tccctngngg    540
ggccanaaaa nggggttttn nnnaaanatt nggcggggnt tttnttttnn annctttttt    600
cccccccccc aaaaaaaaaa aanggggggn nttttttttt nggggggaaa aaaangncca    660
naaaaanncc ccccttggnn ggggggtttt tcnctggggg anattttttt tntccncccc    720
ccaagatttt ttctnaantt ttgggggggt tnttnnnngg ngaannaaaa aaaaantttt    780
tttgggttnt aaaaaaaaaa aaaccccccc cccccccn ttttttnggg ggncccnaaa    840
aacnaaaggg ggggggggcc cccnttttna nacncccccc gggggggggg ttttttnc    900
cangnggggg ggggggnncg ccncntntt tttntttttt tttgngggg gtntntaana    960
aaannnnncc n                                                                971

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<210> 1578
<211> 939
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(939)
<223> n is a, c, g, or t

<400> 1578
ttnnnnaaaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg 60
ggctgcaggc aggatcaagc gattcctggc caagaaacaa aagcagaatc gtcccattcc 120
tcaatggatt cgaatgaaaa ctggcaataa aatcaggtag aactccaaga gaagacattg 180
gagaagaacc aagctgggtc tataagaagc aagctgggtc tatgagaagt ggtcttaaca 240
tgtagaccac ttttttaagc agccagatca caatgaaaac atcactactg taatgcttgg 300
cccatgatgt tatttcctca ctatcagtct gagaccacgc aataaatata aaacgttgca 360
aaaaaaaaaa aaaaaanntg gggggggggc cggnncccaa ttcccccntn nngggnnccn 420
nntanaannn gannntanca ttattggntg cnnnctgata aacnnaacca tttgcaaacn 480
tgcccttann gggacnttgn tttgntcttt gangncnttn acctttgnng accctnacct 540
ctncaaccan canntnatnc attacctncc anncccantt tnccttttgg naaaantann 600
gnggcctggn nnntggganc ccnncctgg gctnaagnn nanntntgnt nttgnnnnnn 660
ngnncannng gnnanaaaaa ntacctntnc nnncttntnn ntgnnncttt ttnnnaaanc 720
nnnnnnnnna nngnnnccct anngnnnttn ggngggntnn nnnnnnnntt cnngngnang 780
ggcnnnnnnn nngggntngg nnnnnnnaan nnccttngnn nannggnaan gnnntttnnn 840
nngnncnang gnnngggggg gggncnnnn nnnccngggg gnnnnnnnnn aannnnccnn 900
nnncntttnn gggggnttnt nnncccntn nccnngggg 939

<210> 1579
<211> 982
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(982)
<223> n is a, c, g, or t

<400> 1579
ttgaaaaanc tggactccac cgcggtggcg gccgctctag aactagtga tccccgggct 60

gcaggnaant gctgnnacgc tcnngccnct nggntatgtt ngctctcncg nngnngntgg	120
antaantgnn nttncntgnc cntcntgcc ctttggtcct tgaggtgnta ctgtggannc	180
tggnctgnt gntnctcccn gccctactgn annnnttga cancnaggtc ntnnctgngn	240
nngctatnan tngactntcc tgnccncccc anatchaaag aangatcacg atggaggccn	300
cnacnanngn actnangatg ccnctgagng ccgagaccgt nanctcnngg tggcnccccc	360
ctcntaaccg tnngetgnen gntngaaaac anccgnagcc cnaaanggn ttttcnaana	420
acnctgccga tnatgacgtg acgnaagnat gtgccctttg attggcntga accgntnatg	480
ttgctggacc ctaanaangg ttggatcang atgcctnnng gttttnggaa cctggcaacc	540
cgaganaact ttggattacn canngaance atttttgacc aataanaaat gggttttttg	600
ggnnnnnaaac nccaaggaaa aaaaggcagg gntggtancc ngnnntngna ttaaaccccc	660
tttttccaan tttangtttn ttggggggan acggtttccg aaacttggca aagggnnanc	720
gtttcaaaat taatttttct tggacactng aantccaacc ccngggcttt anaaaaantt	780
tttacttttc tatttgcaaa aaaaaatttt tttttttaa ttgggcnaa aaaaaaatng	840
gnanccnttc ngganggggg ctttcttccc ccaagggttt cccattnaa atgggggntt	900
tcggcccngg gggnnaaaaa nncggtttta ccttaaaggn gngnacctn aaaangggtn	960
gccnaaatcc ccccggggac ct	982

<210> 1580
 <211> 996
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(996)
 <223> n is a, c, g, or t

<400> 1580	
tnnnnnaaaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcagga attcggcacg aggettcgct ggggtctgag ccgagccgag gcctggctgc	120
tcccgcgcgc cacaagctgc tgtcaccggg ctctgcacag acaggtagag ggcaccgaat	180
tccggagcgc ctacagcctg gacaagctgt acccggaatc gcggggcgcg gacaccgcct	240
ggaggggtccc gggcgacgca aagcaaggca acgatgacat tcctgtagat cgcttgacga	300
tatcttactg tcggagcagt ggtcctgggg gccagaacgt taacaaagtg aactccaagg	360
ctgaagtcag gttccacctg gcaagcgccg actggatcgc agagcccgtg cggcanaaga	420

tggctctcac gcacaaaaat aagatcaaca gggcgggaga gctgatcctc acgtctgaat	480
acagccgcta tcagttccga aacctggcag attgcctcca gaaaattcga gacatgattg	540
ccgaggccag ccagccagcc acagagccat ccaaagaaga tgctgcactt taaaaactca	600
ggatagaaaa catgaatcgc gaaaggctcc gaaaaaaaaan aataaacttt tgccatcaaa	660
aacnagcang gagggtcggt accggacttg aaagcacccc cttngagcca gcanaanccc	720
cttcangggc ancccangtn ggctcgggac acccaggaaa aacgggngtc tgttcgggnc	780
anctggttcg gnnttttacg tngggaaccc gtnnnaaann aaggnnccnt tcgggaaaac	840
cnaagggttt taaggcccct tgggtcccccc cagggnnttt tttaaaggggg naatnnccgg	900
gtttttnncc nccctttggg taaancccan ggncccggnn ttaaannggc cattaaaaat	960
tntttaaac ccnaaaaaaaaa aaaaaaaaaa aaaaaa	996

<210> 1581
 <211> 902
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(902)
 <223> n is a, c, g, or t

<400> 1581	
ttgancaaca gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcaggc ttgattttta gaagaaaaca gccagactga ataccacca gtgacaccag	120
ngcaggtaat aagcaccacc catgttgac gtcaggcaca cttaatcctc taccctacca	180
ggaagatcga agagtaattt gttctggaaa ataactatta tcttgtctgt tagttcatgt	240
atcataaatc ctataactgt atgtggcttt gctgcttatt cttacacttt catcagggtcc	300
caaagacata tttcctcagc actgacagtg ttacagggtac agtgtattgt acctgtaaca	360
atcttcacag gttttttgct gtatatagga tacggtcttt ttgctgtata taggatacag	420
tcagattatt tgattctata tacattttaa ttcagttcaa aggacctttt aagacagcac	480
catttttctc acaatataga ctttgctggt ttccagcaca tgaaatacat ctctgacag	540
aatattttta tgacacatga taggggtgtca gtcagctgat ctgtcattag cttgtatatt	600
tctgcccag accagtcctt agtattccag tactgatttc aggcagcatg tcttctgaat	660
gaatatcctc agcagcctac ttgntagcat gtatttattg ncatctggtt anaaaacagt	720

gagccccaag ngattaccgg nccttgnttc agtcccactt attcaggaaa ngggaatncc	780
anaatcatgg atcccccaaa aaaacctcgc cccttccann gaaaccgacg ggaatgggaa	840
atgtgccctc canaaanttt ttggggaaaa ngggcttggc aatcaaatca acntgggnact	900
gg	902

<210> 1582
 <211> 1551
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1551)
 <223> n is a, c, g, or t

<400> 1582	
nncntctan ntcgtaaaaa atnnttnccc tcnncncncn ccccccaac cgctccncca	60
actcatctta ccnacctccc canngnnnnn nnnnnngtn ctcactnccc ttgagnnnca	120
actggactcc acgcgngggc gnccgctcta caactagtgg atcccnng ctgcngntaa	180
ttcngacncg agggntanac atnctgcctc cccctactca cntnnctntt ntaggcctta	240
ttacggacna anggttantt actcnncttt cctntntcnt tntcacatcg nnnnacnntn	300
nnattntaan antantnttt anatacctnn tnaactanaa tccatccncn ttnaatnntn	360
tntngncaaa atatncattn ntanacntan ttgtcnatgn ttntntaaat cnnnttttac	420
ttnnattnnn cntntnaaan nntttntnn acnctacttn natgnanttt tnnannnttn	480
ntnttanntt cnttatatnn ttttatntgg ntntnttcnn atcnnaacta tatnatntnn	540
tcttnntan aantacanag acantcnttc ttatttacct actntttttc tcncccatac	600
nttnantctt ccttcatnta annctacanc ntncaaattt ttatcatann tnnntctntn	660
nnntccngt nttatcatnn nttncngct tacntanctc tnncantntt cttattnttt	720
tntnannttt tnnncanctn ngctacncct aatctccctn tnnntnaangn tttcaaacna	780
nnntnatant tnatcccan tatannctac ttnnacaanc nntcctatt ntntnatnt	840
ntcaatntt cnttnttct atcnntaatn nanannnta acnanccnt tnanntccat	900
nattttttna aannaannta nntcaatnga nnatcncgtt ttattccgt cnnctnntta	960
cgnctanttc ttnntanant annttntct tttttctat nngtacntt nnactcnnct	1020
acntacnncn ttnntctgnt cnatctntaa natactcnc atatactntg tnnnactnnn	1080
tcctentatc ttatattanc tcanttacnt cactttcnc agnnnttnca tntatngttc	1140

caacntactn tntatntgat antctntnca ctcacanntc acnntctntc acanttcata	1200
ttattacaat atacnnacn nataknnna ntcnctnnca tnccttacatt tntgttcnnc	1260
ntatnattct nnnncatnnn attntgagtn nttatntatc ttcnntantc tcnncgcacn	1320
tantntntnc ttaactttat ttinnactntn natatatntn ntntcangat tnactannnc	1380
ntnttttata tataangata ctanttngtc ctatnacttc ntcntatan ctttacactn	1440
nctnnctca taacntnnn nttcttntct nttctcaatc gntccgacnn tcnacccanc	1500
tnttcactcn natatcgnct gacnctgcan gtttactctn natcctctac c	1551

<210> 1583
 <211> 988
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(988)
 <223> n is a, c, g, or t

<400> 1583	
aaanctggag ctccccgcgg gggcgggccgc tctagaacta gtggatcccc cgggctgcag	60
gctttttcac tttgctgagg ccaagttcac agcaggggac ttcagcacca cagttatcca	120
aaatgtaa ataggcccaag tgaagattag agcaaagaaa gataatgtag cagggtgttac	180
attgccagta tttgaacatt atcatgaagg aactgacagt tatgaactga ctgggtttagc	240
cagaggtggg gaacagttgg ctaaaactgaa gaggaattat gccaaagcag tggaactact	300
ggtggaactg gcttactgc agacgtcctt tgttactttg gatgaagcta ttaagataac	360
caacaggcgt gtaaacgcta ttgaacatgt catcattccc cggattgaac gtacccttgc	420
ttatatcatc acagagctgg atgaaagaga gcgagaggag ttctacagat taaagaaaat	480
acaggagaag aaaaagattc tcaaggagaa gtctgataag gacttggagc aacggagggc	540
agcccgga ggtgatagag cctgctaata tcctggctga agagaaggat gaagatcttc	600
tgtttgaata agctttcctg ctctggttct ttcagaaggc ctaacatgtc accattttaa	660
ttcatgggtg tgtanggttt gttgnatggg tattttat tggcttaag aattccccca	720
gttgnaaaat ttcccctgaa tgtcttgttt atgggatcta cgtttgcana aatcataatt	780
aancaacaat ttatccccca atgaaanttt gtagaacctg tccccaaacc tgtaaaaattt	840
ttgcctgnnn naagggnnc ccttctttna ntttttactt cngnnacaag gggttttgnt	900

ttcccaaana tanaaaaanaa accccttttt nggaaccant nntnctggcc nnttnntccc	960
aaannccctt tgntnccncc ggccccc	988

<210> 1584
 <211> 985
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(985)
 <223> n is a, c, g, or t

<400> 1584	
ncnnnatctg gagctccacc gcnggggcg	60
gcagganccc nccnttcnaa ccgaggngcc cctnnnnncc nacgnccncc gnnanaangt	120
gaccacatn atgttcnaaa ctntcnntgn cncaaccgtg tatgtggana ttcaggcgga	180
gctnccctg nacgccnctg gacncacaac tgnctnngtg cttnactntg gaganggcnt	240
naccacggn gggccannc atgagggnta cncctgccc caccocattn tncgnntgga	300
cctggntggn caagatatca ncgantacct catnaagana ntgaccgaac aaggctntta	360
cttcttgacc nccgntgacc ctgacattgt cctatacat cnnngngaaa ctgtgcttcg	420
tagncatgta ctctganaat gatatggtna ctgncgnatc tctnctcctc cctgaaaaag	480
anctatgatc tgctgatng gcaagcgatc accatcanga atgancgtnc ncgctgcnct	540
ganaccctgn tccagacctc nctcatagnn atggnnntat gntgncatac tacgatacca	600
ccnacaacn taattcatga ngtgtgaana tnggctatac aaanangnga cgctcttatg	660
ctnaacaatc gtancttctt nncnngggtg ccaccatggt accncatnan ctttnntngt	720
ccgcaatgcc ttngngaana ncacggccca tgggncccn cggncnatga ngnatctngg	780
natnatnccc cccttcccga gccnccaagn tcttctctgt cngaatttg ntnggattgc	840
cataccnagg ntcttctttt gnnncacct ttcccnocaa anttgnggga accccnaa	900
caggaagttt cnaacggaag ncccggcccc ntctcttntt nccncccgnt naatgggttt	960
tttcccnca cccccccctc ccncc	985

<210> 1585
<211> 951
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(951)
<223> n is a, c, g, or t

<400> 1585
gcctatctgg agctncaccn cnggnggcgg cccgctctag aactaggtgg gatcccccg 60
nctgcagnan ttcggcacga ggcgacggcg gcagcgggcg naacgggact ggaggnacca 120
ncggaangna gngngntnct gcagccgncc cnanngnan gncctcngaa ggncncngna 180
nggttnaanc cntttnttt cccntnnnt ttntaacnnt nttaaancnt ggantncnt 240
nccccnncnn gaagggcngg cnannccagn gaatggggcn ttnaannga anccagaagg 300
cccaaataatt gaagggaaga acntctttca acngctgtcc ccacntgga agaanaatta 360
tcattgacac aggaaattat tacaccccg aggagcncn tanacacgtn ttnacaggag 420
ctctngntc tnggttgna tacnncangg gggccgcctg anccctcnga catanacntg 480
catatacang tgtgcgagat aattnagagc cctctgtttc ttatattgaa ccctatacca 540
cccacacana tattttgtca gngtcnttga gaccgcnta tatataatca angngagcc 600
nccatgctgc tggctgatnt ganctacnct ctgnncacca aagaagnggc acgcctntgt 660
tggtggacca cntngtccc natganaaca acangcaggg ggagaaaaac taccctggtt 720
aaggnggggt tgcattggngc tttccttcca aaaaaaaggg ggggggggnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnc t 951

<210> 1586
<211> 951
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(951)
<223> n is a, c, g, or t

<400> 1586
gcctatctgg agctncaccn cnggnggcgg cccgctctag aactaggtgg gatcccccg 60

nctgcagnan ttcggcacga ggcgacggcg gcagcgggcg naacgggact ggaggnacca	120
ncggaangna ggnggntnct gcagccgncc cnanngnan gncctcngaa ggnnncngna	180
nggttnaanc cnttntnttt ccctnnnnnt ttntaacnnt ntaaancnnt ggantncnt	240
nccccnnnn gaagggcngg cnannccagn gaatggggcn ttnaanngga anccagaagg	300
cccaaataatt gaaggggaaga acntctttca acngctgtcc ccacntgga agaanaatta	360
tcattgacac aggaaattat tacaccccgaggaggcncn tanacacgtn ttnacaggag	420
ctctngnntc tnggttgga tacnncangg gggccgcctg anccctcnga catanacntg	480
catatacang tgtgcgagat aattnagagc cctctgtttc ttatattgaa ccctatacca	540
cccacacana tattttgtca gngtcnttga gaccgccta tatataatca anggngagcc	600
nccatgctgc tggctgatnt ganctacnct ctgnncacca aagaagnggc acgcctntgt	660
tgggtggacca cntngtcccg natganaaca acangcaggg ggagaaaaac taccctggtt	720
aaggnggggt tgcattgngc tttccttcca aaaaaaaggg ggggggggnnn nnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn	900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnc t	951

<210> 1587
 <211> 992
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(992)
 <223> n is a, c, g, or t

<400> 1587	
ttnannacnn tctggagctc caccgcgggt ggcggccgct ctagaactag tggatcccc	60
gggctgcagg nntnnatccn tgcncatccn aaaggatgat gaagttcagg ttgtacgang	120
gcntacaan gggcagcaaa ttggcaaant agtccaggtt tacaggaaga aaatacgtn	180
ntctacattg aacgagtgca tctgggagaa ggctaattggc acaactgtcc acgtgggcat	240
tcaccccgagc aaggtggtta tcaccanact aaaactggac aaagaccgca aaaagatcct	300
cgaacgtaaa gccaaatctc gccaaagtagg aaaggaaaag ggcanatata angaananac	360
anttggagan atgcatggaa taaagtcac ttgtctacag ctttcattaa aaactgttaa	420
aatgaaaaaa aaaaaaaaaa nntggggggg gggccgggac ccnntttgcc cttatngggn	480

gtganaaaagn tnnccgatggt ggccgnttct accgggctga tgatgccaat gtggncctgt 540
accgtgacct tnaaggtggac accacccttc aaaanccctg anccagnnga tcgagaacat 600
ccngagccct tgaaggcnnn cgnaagaacc ccgccccnc cttncctga cctcaanang 660
ttnccccntt tgactggaaa aaacgganaa atacctggna ttgaccccca acccangnt 720
tgcnancctg gattncccat ttaaggntnt tttggnaann atgggaaacc cggngaaaa 780
cctttgtttt tccccccct tcnncccann ngngggccca aaaaaaacn tggtttttn 840
anccnngaaa ccccnangg naaaaaaagg ccnttnttg gnaccgggn agagncntnn 900
accgncggn atttncantt tnnnttttg nnggnccng gggccccna nccttccnt 960
tttngncnt ccnnntnnan ttttcttgn cc 992

<210> 1588
<211> 998
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(998)
<223> n is a, c, g, or t

<400> 1588
ttnaaaaaa ctggactcca ccgcggtggc ggccgctcta gaactagtgg atccccgggc 60
tgcaggaatt cggcacgagg caggcagtcg tcagtcaggt gctattgtgt cctgggggtg 120
ggagggcctc ctgaggctct gcctgccttc tcttcagccc cactgagcgt cagcctcggg 180
gtctcctgag tcagaaccct ccctgctgtc tctggtggtc actcagggt tgcagggtgac 240
cacaggccct ccctcganag gaggggctgc cgatggnatc tccacacata ggcaactggcg 300
gttgttccgc ttgtccaccg accttactcc ntgcccgtcg tctgtctcgg cctgtctggg 360
aatcgccaac aanagcggct tctcacgggc ccttgggtgtg gtggtgnccg ccttgggggtt 420
cntttttttc aaantaagan gcgaacctgc anncagtaac ccttgcaactt cctgcaagga 480
caacaaanng ngaagtcact gngaacaagc nttnttaaaa aaaaatctga aaatagtcct 540
aantggccaa aatggtttaa acgaaaaaaaa catttgacct ttgggaaaga aagggaaccg 600
gcnccaaaag gtaggggggg gccattccgg atccangggg tcaaaanggc anttggcaca 660
accggcccaa tgtggcctgg ttaancccat ggaatntggg gttgaancct aanttcccc 720
ccttacantt ttacanaacc aaaaaaaaaa nccttttaaa aaaagnccct tttgggcnta 780

nattcncntng aattncntng gggcantttg gnnagccaan tggaaagttt tttttnaaaa	840
ccntttccctt aaaaaataaaa aagnnnnnggg naaaattttt aactttttaa ggcngggngg	900
ggnccaaaaa aaccttttgg nnnnaaaaaa ctttaaaagg aacnttttgg ttttaacctt	960
tggnaanggn nnggggnggg naaaaaaac cccnnntt	998

<210> 1589
 <211> 983
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(983)
 <223> n is a, c, g, or t

<400> 1589	
ttnnnaaaaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcagga attcggcacg aggctgcagg caggttggtg ggtttcgagg ccaacggggc	120
caacgggtct aaagcagttg caagaacagc aaggaaaagg aagccttctc ctgagccaga	180
aggtgaagtt gggcctccta agatcaatgg agaggcccag ccgtggctgt ctacatccac	240
agaagggtc aagatcccca ttactcctac atcctctttt gtgtcgccac caccacccac	300
tgcctcacct cattccaacc ggaccacacc gcctgaagcg gcccagaacg gccagtcccc	360
catggcagcc ctgattttag tagcagacaa tgcagggggc agtcatgcct cgaaagatgc	420
caaccaggtg cactccacca ccagacggaa cagcagcagt ccaccctctc cgtcctctat	480
gaaccaaaga aggctgggcc cccgagaggt ggggggccag ggggcaggca gtgccggagg	540
actggagcca gtgcaccccg ccagcctccc ggactccttt ntggccgcca gcgccccact	600
gtgcttgac cctntgcat gaaccgntg gaggacaccc acttttgtgc agtggccctt	660
ctgttccttc gcacaagttt tgctttccct tgctccaaa caaagcatta aaacagcang	720
ggaactaagt nggagaggtc tattggtccc agtgggggaa aaaatgccct ntttgnnggc	780
ctccaaatgt cccctgggn cctttattgc aanggggaaa attgcaancc tttcnttngn	840
ttgganaatt tgaaagtgn aaaaaanaaa aaanacttc gggaantttt cgggttcaaa	900
aaaaancccc atggantaaa tctttaactt aaaactgggt tngaattgga ttttatattt	960
tccccctttt ttttttttn tnc	983

<210> 1590
 <211> 947
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(947)
 <223> n is a, c, g, or t

<400> 1590
 ttnnncaaaa ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
 gctgcaggcg aacagtcctc acgccgatct ctttcctggt tcccacccgc gccagggtgac 120
 ncggagagct gacaccatgg ttnatnaggn gctctaccgg ncgctggtct ccaccaagtg 180
 gntgncggag tncgtccggg ctggnaaggt gggccctggc cttcgggtgc tggatgcgtn 240
 ctggtactcg ccgggcaccc gcgaggcccg caaggaatac ctggagcgcc atgtgcccgg 300
 cgctccttt tttgacatan aggagtgtcg ggacaaggcc tcgccttacg aggtgatgtc 360
 gccagcgag gcgggcttcg ccgactacat gggcagcctg ggcatcatca acgacacgca 420
 tgtggtggtg tacgatggtg acgacctggg cagcttctat gcaccgcggg tctggtggat 480
 gttccgtgtg tttggccacc gnaccngtc cgtgctcaat gntggctttc cggaactggc 540
 tgaangaggg ccaccccggt gacatctgag ccctcacgcc caaaagccag ccatcttcaa 600
 aagccacgct gaacccgctc ccttgctcaa agacctacga acangtgctg gagaacctcg 660
 aatcaaagaa ggtttcaact tgggtgaatt cacgggcccc ngggccggta ccttggccac 720
 acaagcccgg aagccaaaat gcaataagga acttggactt cgggccacaa tnccaaggct 780
 tnggncnaac aatgcccttt tattgaactt tccttaacgg gaggaatggg cttttgnaaa 840
 aaaaacccca aaaggaaact tcccgngncc attgtttcca agggccaaaa aaaggngnga 900
 ncctttaana aaagncccct ttatttggcc acaattggcc cggaag 947

<210> 1591
 <211> 1023
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1023)
 <223> n is a, c, g, or t

<400> 1591
 ggagctncac cgcggtggcg gccgctctag aactagtga tccccgggc tgcaggaatt 60

cggcacgagg gncctcance tnttttcccg gcgcccgatg ctctgtaaga gcctgctccc	120
catngtggtc nagcatgtga cgagccacnc gcggncccgc catnagggtcc aggctgcct	180
gctgctccag aagaccctgc ccacacggga gctacgcgtg tgctttaagg acccagagn	240
gangcagcct gatgggccag accctgggga angtcaccga taccctgctg acgctgccag	300
aggctgagac caatggcagg gnaccanaag gatntggngt ccttggagct gctcancact	360
ctgttcagga atttccatca tgataagntg accatggacc tgaccgccgt gctgggccgt	420
gctgcanagc cagcagctaa ngctgcagna naggcnacag cagggggagc actcgggcgg	480
atccngccgn cttcacgacc tatactggcn ggccatgaag tttctcggag tccagcgccc	540
caagtcagag aangatacca aggaggcccc ntcaggccac acagntagag cccaggttag	600
catganncg aagaaaaagg gcttcttgcc agagaccant aancgcaaga ancatnaanc	660
cntgnagcca ccactccatn gaggcggcgg gcggctnaan cccgaagcca ccagtggggg	720
accatcccc cncgccggc ctngaagaat aanaantaan naagnnnatg aattaagaac	780
catnttcccc nccncttgt ncccaaatga antggggaca ncctggttgc caannantcn	840
aacccataan gcctccttgc tggnnagccc cnnnatccc ctanccanat acccnaatn	900
ccccagaaa aanacccaa aantctggcc cannnanaac cnaagncnt ccccttggcc	960
tnantaaatn cccccgggg nagccantgn tcctaaaaac ntnncaaaaa acctaccccn	1020
aac	1023

<210> 1592
 <211> 1032
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1032)
 <223> n is a, c, g, or t

<400> 1592	
gcnctactgg agctncatcn cngtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caaggaattc cggcacgagg ctctgttccc gtgtcctccc gcgcttcttt gntcgtcttt	120
ccgcaccccc nggcccgtct cctccatcga tcgccatgga agaagaaatt gccgccctcg	180
tcacnacaa tggttctggc atgtgcaaag ctggctttgc tggggatgac ncccccggg	240
ccgtgttccc gtccatcgtt gggcgtcccc gacaccaggg cggnatggng ggcattgggg	300
anaaggacag ntacntgggc nacgagggcc atagcaagcg tggcattctg acccttaagt	360

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accnatacga gcacggnatt gtcnccaact gggacgacat gganaanatc tggcaccaca 420
cctttttacaa cgagctgcgt gtggcccccg aggagcacc cgtgctgntg acgngggccc 480
ctntgaaccc caaggcccaa ccgtgagaaa gatgacccan atcatgttcg agacgttcaa 540
cacttcttgc cattgtatgt ggccatccag gcttgtgctt tnttttgtac ncctctggcc 600
ngcaccattg nntttttcat gncctctggg gacggggtn cccacacgg gggcccantc 660
ttacgngggg gntcgcccct cnccccaca nccattnctt gnggtttgna acctgnctng 720
cccnggaccc tgaaaaantt nnnntnntga aanatcctcn cgggancgtt ntttacngct 780
ttaacncccc aaccgggncg ggnaaaattn ntccctcnna atnnaaagan aantnttnng 840
ttcctnnagc ctiggnaatn nnnnacaagn aaatgggctt tncgctngnn ttttttcttc 900
tnnctttgga aaaaaanctt tttanccttt cnnaagntgn tnnggtatnc nccnnttggc 960
nanngntngg gtttcnggtg nncnnnnntn tntttntca cccacttttt nanggggtatt 1020
gncntcctac cc 1032

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<210> 1593
<211> 913
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(913)
<223> n is a, c, g, or t

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<400> 1593
naaaagctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
caggaattcg gcacgagggg gtattttaat attttatgaa tgccttttgt tctcaatttt 120
gaggcataaa ctgaaattct gaacctactg gaaaagactt tacttacttc ttgatacact 180
tacaacaagc ctgtgagaaa gtagcattat ctttttactt atccaaagtg gaaaggaatg 240
gactttgaac tcaaacctag gtctagttaa cgacgaggcc tgtgctctta actgatacat 300
cagaccacct gggtgcatgc tgcttctggg caagcgaact agtgctggat tggctaaatg 360
ttcgtttttt gttgttcaat atgaagtcct tttggtcttc agataactag atacaggata 420
aacagtatct aagggttggt gttttattgt tttaaagcat ggatcaatta cagctctttt 480
gggttacact ggaaatttct agccagaaat ttcatgacta anaaaaaaa aaaaaanaaa 540
aaaannnncc cngggggggg gnccgggncc caanttcccc ntnannnggg ggggttnaan 600

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nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	660
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	720
nnnnnnntnn nnnnnnnnnn nnnnnnnnnn nnnnnnnntn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnncn	900
nnnnnnnnnn nnc	913

<210> 1594
 <211> 1682
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1682)
 <223> n is a, c, g, or t

<400> 1594	
ggngnggggg naggantcca ctnttgnctt nnnttntnta tcantccnnn ncttcccntt	60
catacncttc tctnttngac ntgantnnnc tctnncnact ccacnnangg tngnnggtga	120
ntnnancnnt anntaannta gagannnanc tggggnactc nancacngng gcngacnctc	180
tanaaacnnn ctggagccac tcttcccngc tctcatnccn tnnncaanna gntannttat	240
ttnnttantic ctaaccattc ntctctnnnn nntgggggatn nctattanag ngngtnactc	300
cntcatnnta ncnntcttan anctcggggg nccacnntnt antttaggcn ntncngatan	360
tcnnnatnng natnctccat tncnanttnc ncnctngac tatattttat nganntnatn	420
nataaaagan nnanntngcg ntctttcnat annnnngnta nntnnntgnt gnnnatagan	480
natatngaang natnttgtn cgnatttnnn acttactnnt tgtannnnan gtntnngnnc	540
natgtcnccg angtnnnct nnannangca ntgnnagcnc gnnngntnna gtcncnttnt	600
gacnangant cacgngnnnn ntacgtgctn nttnnntng ntattnnnng ngaggnnann	660
atanngncnn nngtgatgng tcttttgagn atattagtgn ncatntnnga gccgngnaag	720
gtcctgntt tntntntgtn tcngnntnan nnatgatgnc nnggtttnnn tatnnatnan	780
cgatnccttg ngannntcg ngtantactn ntngggntat ttgtntcgta nntgncgatn	840
ggncnagtta nggcttctat agtgtctngt antcnatata ttggnggncc ccnctttatt	900
anangnctnn aannngnagn nntnannntn tcacacnct angannncac ccatntcctt	960
nntatnntan tanncatnat ctagttnnt aatcatancn nctatttctg gntnagattg	1020

agatggtaac nccttnnnnn ctcnccttn atcnnccgang nnatnnntct annaganncn 1080
 tacgcnnntnc ctncncatnn anttattnnn antacntnnc nccgatntaa caccacntgn 1140
 nggannncgc nnancgtagg taanagtcnt angnagtaat ttnatnatga ctanntgnac 1200
 ggaaactnnn ttacantncg tgaaactatg gangttnta tnanatgatng nattcgnagg 1260
 ggnccctgtag cgntnnnaan agnngnngnt tnntangntg cnngtaacgt ncnatnnnc 1320
 agcgannncg cagttnnncn gttgaagntn tntatgtatg taccacgncc gtaacnangt 1380
 nanatnnang nacgngcgtn tcnanctaaa tanactngna cgcangtacn ctaagagtcg 1440
 acntnntcat ccttgcttac tcttanntct cgnttctnnc ctntctnctg aaatcaatnt 1500
 nacatagang taantcnnnc acagntaata gnanctacgg anatntccac nntcgtntct 1560
 cnccattaaa nngagtgaat gantgacnnt ntantaacnt ntnacgnnag ngtacnnntc 1620
 ngnagnctnt tcgcatnntg tntgggtgtn nnnacaccna atgaaatana caantcacc 1680
 gg 1682

<210> 1595
 <211> 1682
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1682)
 <223> n is a, c, g, or t

<400> 1595
 ggnngggggg naggantcca ctnttgnctt nnnntntnta tcantccnnn ncttcccntt 60
 catacncntc tctnttngac ntgantnnnc tctnnnact ccacnnangg tngnnggtga 120
 ntnnancnt anntaannta gagannnanc tggggnactc nancacngng gcngacnctc 180
 tanaaacnnn ctggagccac tcttcccngc tctcatnccn tnnncaanna gntannttat 240
 ttnnttantic ctaaccattc ntctctnnnn nntgggggatn nctattanag ngngtnactc 300
 cntcatnnta ncnntcttan anctcggggg nccacnntnt antttaggcn ntncngatan 360
 tcnnnatngn natnctccat tcnanttnc ncgnctngac tatattttat nganntnatn 420
 nataaaagan nnanntngcg ntctttcnat annnnngnta nntnnntgnt gnnnatagan 480
 natatnga nntnttgtn cgnatttnnn acttactntt tgtannnnan gtntnngnnc 540
 natgtcnccg angtnnnct nnannangca ntgnnagcnc gnnngntnna gtcncntnt 600

gacnangant cacgngnnnn ntacgtgctn nttnnntng ntattnnng ngaggnnann	660
atannncnn nngtgatgng tcttttgagn atattagtgn ncatntnga gccgngnaag	720
gtccntgnnt tntntntgn tcngnntnan nnatgatgnc nnggtttnnn tatnnatnan	780
cgatnccntg ngannntcg ngtantactn ntngggntat ttgtntcgta nntgncgatn	840
ggncnagtta nggcttctat agtgtctngt antcnatatac ttggnggncc ccnctttatt	900
anangnctnn aannngnagn nntnannntn tcacacnct angannncac ccatntcctt	960
nntatnntan tanncatnat ctagttnnt aatcatancn nctatttctg gntnagattg	1020
agatggtaac nccttnnnnn ctcnccttn atcnnccgang nnatnnntct annaganncn	1080
tacgcntnc ctncncatnn anttattnnn antacntnc nccgatntaa cacgacntgn	1140
ngganncgc nnancgtagg taanagtcnt angnagtaat ttnatnatga ctanntgnac	1200
ggaaactnnn ttacantncg tgaaactatg gangttnta tnantgatng nattcgnagg	1260
ggncctgtag cgntnnnaan agnngnngt tnntangntg cnngtaacgt ncnatnncnc	1320
agcgannncg cagttnnncn gttgaagntn tntatgtatg taccacgncc gtaacnangt	1380
nanatnnang nacgngcgtn tcnanctaaa tanactngna cgcangtacn ctaagagtcg	1440
acntntcat ccttgcttac tcttanntct cgnttctncn ctntctncgt aaatcaatnt	1500
nacatagang taantcnnnc acagntaata gnanctacgg anatntccac nntcgtntct	1560
cnccattaaa nngagtgaat gantgacnt ntantaacnt ntnacggnag ngtacnntc	1620
ngnagnctnt tcgcatntg tntggtgtnn nnnacaccna atgaaatana caantcacc	1680
gg	1682

<210> 1596
 <211> 968
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(968)
 <223> n is a, c, g, or t

<400> 1596	
nnaaagctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggcggggtt tgccgccggg acacaggtgt cgtgaaaacc accgttaaac ctaagccaaa	120
atgggaaagg agaagacca catcaacatc gttgtcattg ggacagtaga ttcagggaag	180
tctaccacga ctggccatct gatctataaa tgtggcggga tcgacaagag aacaattgaa	240

aagttcgaga aggaggctgc cgagatggga aagggctcct tcaaatatgc ctgggtcttg 300
gacaaaactta aagctgaacg tgagcgtggt atcaccattg atatntccnt gtggaaattt 360
ganaccagca ngtnntatgt aaccttnntn gntgcccnag gncacanann tttcntcaaa 420
aactngatan cnggcccntc caagnnnngnn ngntttgcct ngatcgtgnt ngntgggggtg 480
ggnaatttga agccggtntc tccaanaacg ggcanacccg tgagcatgcc cttttggctt 540
accccttggg ngngaaacaa ctaattgttg gcgttaacaa aatggattcc actganccnc 600
cctatancca naanaaatnc aaanaanttg ttanggaagt canccccttt tttaaaaaaa 660
ttgggttaca acccccgaca cagtaacant ttgggccaat ttttggtggtg aanggggaaa 720
accttgctta aaaccaaggg ttaaatttgc cctnggttna agggantgga aaagnccccc 780
gtaagggccg gnaattgccc cnggggaaac cnncccttgt ttgnaaacct ttgggaattg 840
gnnttttggg ccnccaaatt ttncncaaaa ttggaaaaaa accctttggg gtttggcctt 900
ttcccnnggg nngttttttt aaaaaanggg gggggattng ggacccgggc ccctttnggg 960
ggcnngggg 968

<210> 1597
<211> 1009
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1009)
<223> n is a, c, g, or t

<400> 1597
tnnnncaaan ctggagctcc accgcggtgg cggccgtctt agaactagtg gatccccggg 60
ctgcagggtt cgatccatgc ccatccgaaa ggatgatgaa gttcaggttg tacgagggca 120
ctacaaaggg cagcaaattg gcaaagtagt ccagggtttac aggaagaaat acgtcatcta 180
cattgaacga gtgcagcggg agaaggctaa tggcacaact gtccacgtgg gcattcacc 240
cagcaagggtg gttatcacca gactaaaact ggacaaagac cgcaaaaaga tcctcgaacg 300
taaagccaaa tctcgccaag taggaaagga aaagggcaaa tataaggaag aaacaattga 360
gaagatgcaa gaataaagtc atcttgtcta cagctttcat taaaaactgt taaatgaaa 420
aaaaaaaaaa aaanntgggg gggggnccng gncccnantt cncntatag ggagtcgnnt 480
nacaannnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 540

nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	900
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	960
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn		1009

<210> 1598
 <211> 966
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(966)
 <223> n is a, c, g, or t

<400> 1598	
tnnnnnaaaa gctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcagga attcggcacg aggcgcagta tttgtcttcc tgtgactgac ttatttcatt	120
catcatgtct tcagtgttgt tgcaaagagt aggatttcct ttttaaaggc agaataatat	180
tgcatttgtt atacattcca tattcactca tctgctagtg cacatttggg ttgtttccat	240
ttcttggctg tggtagtgtt ggtgtgggga gccggcggga ggcactccac ccgtggcaaa	300
ggcatgagg aaggaggctc gacatatgca aaggcgggat cgagcctcag gagtccccct	360
ggaaattttc gagcatctac ccccataacc agagcctgcc tatttcacta ctttgtgctc	420
tcacctacac ctctgacttt acgggggggt gtccccacc acctctttca gagaaggagt	480
taacttagag ctccagttaa taataattcc tgggcatgac aggagtgttc caaacttacc	540
aactcctctg aaggttctct agcctgcctg acaggcttgt ccggcccat gtgattgctc	600
acagcctccc aaccatgaaa ngcacgagat gcgttaaacc ttntaaaaac aggttcnntt	660
aaaaaagtta anaaaacct ttagtataag tatggggggg ctgattaataa aattggattg	720
ggggaagggt ttttantttg ttgggnccaa gggttaactg ggtaaatttt ccaaatnccc	780
tggccntttc ccccttttn tggaattttt tttnaaaaaa atnggttttt acccntttga	840
tttnaaaaac cggttnaacc ctttnggcc aanaaaattt ttttnttta atnaaaancc	900

cntttanccc ttttccccctt taangaaaag ggacnttttt tttggggggg ggggtttttt 960
tnaaaa 966

<210> 1599
<211> 945
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(945)
<223> n is a, c, g, or t

<400> 1599
ttnancaana ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcagggt tttttttttt ttttttnacc ngnntngggg gtttaanggt tcnannatnn 120
nnnatngtaa nnaaaccccc cnnagggggg ccccnaaaaa nttntttttt ntttnaaaaa 180
cctttttngg gnnnangggg ggcccccccc taataannct ngggttggnn naccnnttt 240
ngnngaangg ggnaaaaann gcccngnang gncccnccaa ncnaaannga ttentncnt 300
tnggggggnan naaaantttt nattttanng gnccgggggc ccnggnnngn aancncnttt 360
ngnttttngn nggaannncc nggnnnnnng ggggcccccc ngnanngnnn ntngngggng 420
naaaaancnt nggggnngnn anngcncnt tannnaggna ntggngggtn gtttaaaaa 480
tnccannngn cnccttcna anaancnng nngaaaaaag gnttttnggc canggaaanc 540
cntnttngcc aaggggnana ncctccccnt tggncanctg gaactttttt ncnaggaana 600
aaaagnaggt tcccgggccc tttttntttt aaaatncnng gcccncaaaa cnnaattttt 660
tcnttggtgc ccccccaaaa ttttccccnn gggngggggg ccanaaaagg aaanancct 720
tttttttggg gagaaanttt tttgaggnaa ntttgnaag ggcccgggcc ccccnnggg 780
naaangggcc cnntaatggg ntttgnnggg caattncctt tanccccctt tnaaaaaaaaa 840
aaaaacattt gggggggggg aacnccnctn ccccttnaan tnccannaaa aaaaanacccc 900
ccttttgggg ngcccccaaa acccttnttg gggggggaga cccct 945

<210> 1600
 <211> 988
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(988)
 <223> n is a, c, g, or t

```

<400> 1600
cannanctgg agctccaccg cgggtggcggc cgctctagaa ctagtggatc ccccgggctg      60
caggttttca tgcagcaggc ctttcctgtt gtcattgatg tccttacccc ctttctctcc      120
ctttgctgcc tagttaacct tttgaaatgc agacctaatg gcattgcttt tttctgccat      180
agcttcagtg gtccccgtta tggagagtag aagtcataaa actcaaatcc ctacagggac      240
tagaaaagta aggtaaatgg acaaagtga atggatgtga gaggaatggg aggagagagg      300
aagtgctgtg gcatattgtc ccgtctgaaa ggggcacctg ccacctgctt ccacgtggga      360
atgcgggacc caatttgaca tatcgtccaa tttcttaaaa gaagccgaaa atccagaaat      420
ttttatgagc ggtttgctga tttttaaata ttgactttta gttgagtttt taaaatgcag      480
gtcagtattd tgtgaattga cctacttgca gtttttggaa tgtgccattd tatcttgtga      540
ttctgtttgt aagtgatgct tcttctaaat aacgctcttt ccttcctcct gcctcaaaac      600
ctggcaaaat taggttcttd aagattccag gttagccttd cctgacccca agacaggcag      660
ttctcctcgt gttctccaag ctctagcact tactacatta cattgcaatg ctttgngttt      720
tattccctgg ctttgagcaa agacattatt ttattcttct tgcaaaatta tacacttggg      780
aagttaaata ttttttgcca tataatggaa ttaaactctt tanttttcat ctaatggagt      840
caagnatcat aatngctctt cattgaattc nctttctccc accatatttd taaaaccnaa      900
aaaatattdt tccataangg aannctant ttaaagnaaa ccccccttdt ganacttnaa      960
tttggcattg gcaagggtta aaaanccc                                     988
  
```

<210> 1601
 <211> 985
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(985)
 <223> n is a, c, g, or t

<400> 1601
 aaanctggag ctccaccgcg gtggcggccg ctctagaact agtggatccc ccgggctgca 60
 ggaattcggc acgagggaga tctctgcgaa cagttcaact ccatggagcc caacaaacaa 120
 aagaatgtgt ctgaagaact ggacagaacc ccacctgagg tgtcgaanaa gcttgaggac 180
 atccggactc gttatgcctt ctgagctctt ttctgtggg gtttatcana nactttattt 240
 ccctcaccac gtgactgtga atctctgtga canaanaagg gnggtgataa ttaatacttt 300
 gtaatgttaa agctcttagc tcttcccatc cactctttcc tggagtgaca ggttccccct 360
 aaaattggca ctgagatttg ctgcacttct ccgtgcctgg tacataatcc attgccccca 420
 ggttntggtg tggaatacag tgtccctttt cccaaagctt tcttgcatg atatttggcg 480
 gctatccngc ctactttngt acacaccttt aattntnanc tggaccacct gtacatacag 540
 ttntgaatga tgctgtctgt gggggnncta acnnagcngc cgaccagggt nnttatanca 600
 cagngtctgg agncctgnct gtatccaacc nagnatgaa nactnccct ttgtngngag 660
 gngannnnnn nnnnnnnnnn nnnnnnnntt nngggggggg ggggggggnc cccnnnnccc 720
 ntttttttnn nnaggggggg nnnntnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
 nnnnnnnnnn nnnnnnnncn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
 nnnnnnnnnn nnnnnncnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
 nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnncn nnnnnnnncn nnnnnnnnnn 960
 nnnnnnnnnn nnnnnnnnnn ncnnnc 985

<210> 1602
 <211> 966
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(966)
 <223> n is a, c, g, or t

<400> 1602
 nnnnatctgg agctccaccg cggtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggaattcg gcacgaggct cccatctgtc cagttaacat ttccctctct gttttcgaga 120
 tagctctcca agaggctggg gttcctcaaa tctcatttag aaccgtgtgc tgaaaacctg 180
 gattggtgac tgccatccta ngccgatgtg ctggcccagg ggaaggaaac tgagcgagta 240
 gaagtccta ccanaaaggg ttgggtttgg agaggggcat ccagggtact gaagtcctan 300
 gtgccaggta tctccccgt cctctcanct tgnccagagg tgttgacagt attatcttca 360
 ttttcagtct ccttccaagt tctgtcctaa gctattacct ttgcaagttt ctggcccca 420
 ccctatcaag tgggaatccc ttctcttcc actttatctc cttcataata acgttgaatt 480
 ccctcctttc tctgtttga gaaaggggt caagagaagc aagagatagc cttggtctct 540
 taagtctcca gaaagccct cccacccca tcttttctta tcaaaaaaaaa atgatacgta 600
 tcaaccctt ctgtacttat atggaaaggg tatgtgctgc cacctaaacg tcatttcccc 660
 aaaacagggg aacaagaaca cctttntatc tttttggcaa aacaatcttn atntcntcct 720
 ggctactgnn ttccccactt tntttggatt tttggcccta tttctacact ntcaaatttt 780
 ctattggggg ntggaacctt ggctngcntt ttttttntt aattggaaaa naatgaccat 840
 tggcccccna nnagcccca aaattnnatg ggggaaccng naaaaatntt aaaaaaaaaa 900
 naaaaaanac cttcnngggg ggggcccccg ggtnncccaa tttncctcct tttnaagnnn 960
 gnggnc 966

<210> 1603
 <211> 1747
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1747)
 <223> n is a, c, g, or t

<400> 1603
 ggggngngngn acnaaatntt aattnnatnt tnnntnnnnn cccncncnct cncnnantat 60
 tntttattgt ggagnggggn cngacctcta cnnnggggggn gngntgntag ttaccnaaca 120
 tattntatcc attaggagct ctatantnnt tntngncnca tttcttnata ntgtncannn 180
 gagggncncn gttantnnnc cnnnnnnctn tttttnactt atatnttcca taantcngan 240
 tnanttttag nggnttntta tnncgnttag ctcanagtgc ncntctgnaa gntcnttncn 300
 ttaaatgang cccngtcann tntattanaa natntgngtg cnnnnncaaa ncagnangnt 360
 ganntnggnc gtnattttga tnnantnnct atgtgcgant tacnngangc tgacntngag 420
 nannannggn ccanagnnaa tcncggccna nnacacantt gacagtantg nnttnngngt 480
 aaannagatg annncgcntg agnnttgnt tncntncgn aanncncncn ntcgannata 540
 cncgtantng agnttgactg nnnnggagta ngganangnc annnnnncga tgatnnngnn 600
 nnnntnngc aggtccgaan nncnanaata nncnngagtn nnnntacnga gnnnnngnaa 660
 tagcntnnng ttncnntccn gttannnatn ttnnnncnng nangngntan ncgcgntgta 720
 nnnnannttg gaannnnacg aganaccggn agatatnnat nacctnnat nncnanaanag 780
 gtccanctan tnncttcgn ngtnatctnt cntnnncggn ngnatcncga ggnannncca 840
 actncacna cgnnnnnncg gtcnncatnn ncntgnncta tgtntacac ngngtctcct 900
 cncntntgtn nacctataa gntgtcctac gngtaanact gannnaacgt cnnacgtccn 960
 ntatantccg gancannnaa tacgtaangt nctagnagcg ncanngtngt gacttctnan 1020
 tancanatcn tgantnnagg ttantacnta cnatnnnacn ncngagatta ntnncgtnnt 1080
 nncnnngnt gatttntaac gcangaccnc catccacgca tgatcatant acgntgganc 1140
 nantncgnnn tantntgnan acntcttgt tcgtnnngnn ntctcatca ngnnacanann 1200
 tntacgtng antngtccac cttagcgang cnnttntaan tntannncag atccgncctc 1260
 accacngtan tgnctngntn annntnatcg ncgctcccg annactant acnntagga 1320
 tanncacntn ntntnnnatn gntcgacgt agnananacn tnnncannnt agngcggtag 1380

tnagnnggtcc gcncgtgtacg tntatatcnc cnacnnnatg tctgtgcgca ncacggntta	1440
cgncnacacg ntnggnngat gataatngat ngatcgctcg accgnnggtn atgnnnnnnnt	1500
gcanngaann ncnagtcgt angctacana anntntnnan nnataataaa naaanacagg	1560
gnatgnnant atntatgata tgggangngt nnttctgntt ganatngntn tnnacngntn	1620
tntaatggat ggancacgan gatangnnnt nntntcntta tggntgtann ntatnccatg	1680
tncgcgnacn cnatngntaa ngatgcncan gcaacgaagt nacntnntna ggnngacntg	1740
natgcgg	1747

<210> 1604
 <211> 1747
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1747)
 <223> n is a, c, g, or t

<400> 1604	
ggggngngn acnaaatntt aattnnatnt tnnntnnnn cccncncnct cncnnantat	60
tntttattgt ggagnggggn cngacctcta cnnngggggn gngntgntag ttaccnaaca	120
tattntatcc attaggagct ctatantntt tntngncnca tttcttnata ntgtncannn	180
gagggncncn gttantnnnc cnnnnnnctn tttttnactt atatnttcca taantcngan	240
tnantttnag nggnttntta tnncgnttag ctcanagtgc ncntctgna gntcnttnen	300
ttaaangang cccngtcann tntattanaa natntgngtg cnnnnncaaa ncagnangnt	360
ganntnggnc gtnattttga tnnantnnct atgtgcgant tacnngangc tgacntngag	420
nannanngn ccanagnna tncggccna nnacacantt gacagtantg nntnngngt	480
aaannagatg annncgntg agnttgtnt tncntncgn aanncncncn ntcgannata	540
cncgtantng agnttgactg nnnnggagta ngganangnc annnnnncga tgatnnngn	600
nnnnntnngc aggtccgaan nncnanaata nncngagtn nnnntacnga gnnnnngna	660
tagcntnnng ttnctntccn gttannnatn ttnnncncgn nangngntan ncgcgntgta	720
nnnnanntg gaannnacg aganaccggn agatatnat nacctnnat nncnanaag	780
gtccanctan tnncttcgn ngtnatctnt cntnnncggn ngnatcncga ggnannncca	840
actncacna cgnnnnnncg gtcnncatnn ncntgnnta tgnctacac ngngtctcct	900
cncntntgtn nacctataa gntgtcctac gngtaanact gannnaacgt cnnacgtccn	960

ntatantccg gancannena tacgtaangt nctagnagcg ncanngtngt gacttctnan	1020
tancanaten tgantnnagg ttantacnta cnatnnnacn ncngagatta ntinncgtnnt	1080
nnnnnnngnt gatttntaac gcangaccnc catccacgca tgatcatant acgntgganc	1140
nantnccgnnn tantntgnan acnntcttgt tccgtnnngnn ntentcatca ngnnanann	1200
tnctacgtng antngtccac cttagcgang cnnttntaan tntannncag atccgncctc	1260
accacngtan tgnctngntn annntnatcg ncgctcccg annactanct acnntagga	1320
tanncacntn ntinnntnatn gntcgacgt agnananacn tnnncannnt agngcggtag	1380
tnagnggtcc gcncgtgacg tntatatacnc cnacnnnatg tctgtgcgca ncacggntta	1440
cgnacacag ntnggnngat gataatngat ngatcgctcg accgnggtn atgnnnnnnt	1500
gcanngaann ncgnagtcgt angctacana annntnnan nnataataaa naaanacagg	1560
gnatgnnant atntatgata tgggangngt nnttctgntt ganatngntn tnnacngntn	1620
tntaatggat ggancacgan gatangnnnt nntntcntta tggntgtann ntatnccatg	1680
tnccgcnacn cnatngntaa ngatgcncan gcaacgaagt nactnnntna ggngacntg	1740
natgcgg	1747

<210> 1605
 <211> 1015
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1015)
 <223> n is a, c, g, or t

<400> 1605	
ttananaagc tggagctcca ccgcggtggc ggccgctcta gaactagtgg atccccggg	60
ctgcaggaat tcggcacgag gcnancnnnn agannnnana nntgaccnng gatcanaccn	120
atnanttgaa ggngnnctt ccagctgncn taccgaccgg gggangnatn gatcctgtac	180
agatanngtg gncatgagat tagggccctg ttccaancct nccaaatgt tacggtnnnc	240
antgncttgc gnaaccccc catnnacgaa nnnnacgann aggttactna ncnttgggnn	300
cttgctncnc angntnntga ctngngnca taanatggan ctnggccnnt acaatnnntg	360
nccanncggt cttagcgtgt ncntnaacna nangaacggn cnttntactg gggtgcttat	420
tggccgggnc ctngtncntt acantgggat gcnatcntga cagnggatca attanatatt	480

cccntagcct tggaatnagg accttaattg ccttgnncaa ntnaaaacaa gccnccccc 540
tangggnggg naaccggctt atggattccg gcccacatnaa ccggagggng gccctttctt 600
ntnggaatth ttccgggggt ttnggccgtt tttcntttta agggcctttt tttttcnaaa 660
anngggccc cccanttccc tttttaaann agaaaaatnt ncggggggacc naaannggta 720
aaaaaaaaanc ccttgggttc ccctgtttnt tggggcggn c nnaaacantt tgggtntttt 780
ttttntttt tnggggggga ngctttggna cttcaccttt tggcccggcn aaaaggccct 840
gaccccgga accntttntt tggaanctng gacnttaa at gggttttttg ggcccccccc 900
cnttatgggt tannccctng gncntttaa angnnanggg ggccccnggg ccctaaantt 960
ttttttttt tttcccccc ccttttnaaa aaaantttnc cccccttaaa aattt 1015

<210> 1606
<211> 1032
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1032)
<223> n is a, c, g, or t

<400> 1606
ttganaaaac tggactcccc gcggtggcgg ccgctctaga actagtggat ccccgggctg 60
cagggatagn ntatgccna tntganggna atattaaaca angcacgccc nagggcacta 120
naaaggncat catattgtca anttaatnca ggtttacagg accaantacg ncatctcatt 180
gaaccgagtc agcctganaa nnntattgtc acncctntcc ngncgtacat nnannccatn 240
ncnncgnna tnacnatact tatnattgnc gntnatance ganntancat cgttngtnta 300
gcnagnnnct cgtcntttat naaagnattc agggcaa atn tnaggaagac tcaactgaga 360
agatncnata ataaagttat cttgtntnca tnttttcatt annaactntt anaatgataa 420
nnatttaant ttntgggggg ggntcccttt ttcccttttt ccnnttaact nnnccgttta 480
acnennncta cttcccttnt nntttttgtc nttnngagan tttatttttt aatttgtatt 540
tttnnnctnt aacatttanc ctctntacnt ttttgntttt ntntntttnt tttntatth 600
ntntntntn nntttnttt ntnttttnn tcnntntnt nttcacatta ntctntttct 660
tctntttgt nctnnnanca attntntttt tnntcnenn ntntntctgc ttatnttttt 720
tantntntt nnntcnnttc nttnnatana nttntnttt tcntttctnc tttntaaacn 780
tntactaata nttatanttt tcnttannaa tttctctctn tcttctctt gttttnttn 840

nctatacacn tntatatattt tattatttnt ttctttctnt tanctctatn ctctttttatt	900
ttttttcmtt natccttttc atnctttctt tactntttct aatttcgtat ttatntcttg	960
tgantntnna cgnntaatnt tttcttcgng cntccttata acnttnttct gnanntncan	1020
cttcctcttc ct	1032

<210> 1607
 <211> 1033
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1033)
 <223> n is a, c, g, or t

<400> 1607	
nncaaaaagct ggagctccac cgcggtggcg gccgctctag aactagtgga tcccccgggc	60
tgcaggaatt cgnntnnnang cctacaaaacc ntccaaccan ncgcactgnt acggnaaaag	120
cngcttnatc gtcatacgcc tttntttacca gcataatgnc cacattnata tttatccact	180
tcgggncang aactaattan ttcanactgg nactgggact aaaccatccc aantcttaaa	240
ttaatcccct taagcnttaa aaaagancta ttttcttcat naatatntaa tcccagtagc	300
actaatccgg tncatggatc taatatagaa atgttaattt gnatatatat acctcaganc	360
cccatattaa ncaattcttt caaatatcta ctctctaata cttaattcta tgcctaatacc	420
ctggaaccgg gaaancaccc tttttcaggc tttcattggc tggaaaagng gtcggaaatc	480
ttatattttc tcctatcgga aggaggatnc gggncgaagn gaagccaacc ccaggcagcc	540
cttcaggca atcttatatt accgnattng gcgacttggg tttattttta gcaataagca	600
nggttcctaa ccaaactctt attacctgga naccttcac aggatcttta ttcttaaacc	660
caacgaactt caaccttacc cttggattgg actaacantt agctgccanc cggaaaaatcc	720
cgcccaattt gggcctccac ccgngaactt tcccttttgg caataanaag ggcccaactt	780
tcccgnntta aganntactn catttcaagc cccaaataan ggggagccag ggattntttc	840
cccacctaaa accgggttnt tttccccctc accggnaaac ccatttaant tcccttccca	900
acctntttac cnttttggct ttngggngcc cntttcccc cctttttttt cccgggannt	960
ttggncccn cccccccca atggggcctt ttaaaaaaaaa aatttgggnt ttttcccaaa	1020
aanananaaa aaa	1033

<210> 1608
<211> 938
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(938)
<223> n is a, c, g, or t

<400> 1608
ttnanacaann ctggagctcc accgcggtgg cggccgctct agaactagtg gatcccccg 60
gctgcaggaa ttcggcacga ggcaccagcc caggcttgga caatgggngg ggacatgttc 120
aacgccaggt tcattcgaaa cttgcatgaa cgtcgcagca ccaggccttg gtgaccgcag 180
ccccctctca caccttcaaa atcattatta tttctatctc acacaggact tagtcaaagc 240
ttgccctcgc cgtgtatgta ttcattcatt catttattca ttctacaggc tttttttttt 300
aaaatcaggg ccaagncatt tgnatcttat ttttaaccan agcaataaag tnttttttac 360
cacganaaaa aaaaaaaaaa aannnngggg ggggggccng gacccnattt ccccttnnng 420
ggngnggatn aacnnncggg ggggggccng ncccatnnnc cctataanan gnnannnaaa 480
annnnnnnnn tnntnngnan nacnnnnnnn nngcatnntt ttnttntcta annaangggg 540
nnntnattnn nnnngngngn tatnncnntn ncnttnttna nnnntttttn nngngngnnn 600
nnannantnn nannnnncng ncccnntnnn nnnnnnannn nnnnnnnnnn nnnnnnnnnn 660
nnnnnnnnnn nnnnggngnn cnnnnnnccn nnttnnnnnn tttnnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnntt tnnnnnnnnn nnnnnnnnnc nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnn 938

<210> 1609
<211> 967
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(967)
<223> n is a, c, g, or t

<400> 1609
aaaanctgga gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc 60

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aggaattcga tatcaagctt atcgataccg tcgacctcga gggggggccc ggtacccaat 120
tcgccctata gtgagtcgta ttacannnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 180
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn tnnnnntnnn nnnnnnnnnn nnnnnnnnnn 360
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 420
nnnnnnnnnn ntannntnnn nnnnnnnnnn nnnnnnnnnn nnnntnnnnn nntnnnnnnn 480
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnntnnnnn 540
nnnnnnnnnn nnnnnnnnnn nnnnnntnn nnnnnnnntn nnnnnnnnnn nnnnnnnnnn 600
nnnnnnnnnn nnnntnnntt nnnnnntnnc nnnnnnnnnn nnnnnntnnn nnnnnnnnnn 660
nnnnntnnn nnnnnnncnn nnnnnnnnnn nnnnnntnnn nnnnnnnntt tnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nntnnnnnnn nntnnnnnnn 780
ncnnnnnnnn nnnnnnnnnn cnnnnnnnnn nnnnnnnnnn nntntnnnnn nnnnnnnnnn 840
nnnnntnnn nnnntnnnnn tnnntnnnnn tnnnnnnntn nnnnnnnnnn nnnnnntnn 900
nnnncnnnnn nnnccnnnnn nnnnnnncnn nnnnnnnntt nnnntnnnnn nnnntntnnn 960
nnnnccn 967

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<210> 1610
<211> 1059
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(1059)
<223> n is a, c, g, or t

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<400> 1610
gcctatagn agtngnatta cagtggcggc cgctctagaa ctagtggatc ccccgggctg 60
caggaatttc ggtatcgagg cncnncgnta ncncaggcct ctcggnntng ccggtccncc 120
ttnnccgcn atngagaccg naancanntc gccatggatg atgatattgc tgcgctcgtg 180
gtcgacaacg gctccggcat gtgcaaggcc ggcttcgcgg gcgacgatgc tccccgggcc 240
gtcttcccgt ccatcgtggg gcgcccccg caccagggcg taatggtggn catggggcan 300
aaggactcgn acgtggggga tgaggctcan agcaagagag gcatcctgac cctcaaagta 360

```

ccccatttga gcaacnggtat cgtccaccaa ctgngacnac atgganaata tctggcacca	420
cacctnttac aacgagctcc gtgtggcccc tgangagcac cccgtgctgc tgaccgange	480
cccncttgaa ccccaaaagg ccaaccgtna gaaagatgac cccanattnt ntttctanac	540
ctttnaaaca ccnctgnca tggacttgg gtcattccaa ngctgtgctg tcccttgnat	600
gnnctctggc ccgcaccaac tcnn catttn ngatgnacnn cnggtgacn gggttnaacc	660
acacngntgc tccatcttat nagggggtn ctcncttccc cntgcenttc ctngnntttt	720
ggaacntngg cttggccggg gaacngnctg ganttacctt antgnaanca ctcttcncgg	780
gnncgnggnn tattnnnctt tnaccacca cnggtngatn ncggnaaaat nnttccttn	840
anntttannt tagaaaattt ttntctnatn tgggccttgn attctnanca anaaaaatgt	900
cncnnagtnn gcgattnana ntttctcctt tgnnanagna acntcnaaac tntnntnctt	960
ggntcnnag tnttanncta naganntnna ggcnnctctc anccccctg tnnnnntttt	1020
cnccagtttc cttttcttnt gnaatgtaat anntgancc	1059

<210> 1611
 <211> 976
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(976)
 <223> n is a, c, g, or t

<400> 1611	
ncaanatctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggcctgg gcattctgct gtacaccatg ctggcgggat aactccatt tgccaatgga	120
cccagtgaca caccagagga aatcctgacc cggatcggca gtggcaagtt tactctcagt	180
gggggaaact ggaacacagt ttcagacaca gccaaggacc tgggtgtcaa gatgctgcac	240
gtggaccccc accagcgcct nacagccaag caggctctgc agcaccctg gatcacccan	300
aaagacaagc ttccgcagag ccagctgtca catcaggacc tgcagcttgn gaaggagacc	360
atggcagcta cctactnanc actnaacanc tncaagccca cccctnanct gaagcccatc	420
gagtcgtcta tnctggcca ncggcgggtg aggaanctgc cgtccaccac cctgtgaggg	480
gcctgagcat tcaagccgca nggcggtgct agctggatgg aggcagcgtg cttcccanaa	540
naagcaggcc tgaatcccag ggccagaggg agcggagccc cgaggggccc aagaaagcag	600
cccagcccaa aatcacccca nggagggngn tgagaantgc ctttctcctt nccccaggaa	660

cngactgttc tcggctcang ctctgggtgg gnttgaaatc gaattcactg tacaaaaactc 720
 ttttatctat tttttaang acaaaaatgg gcntctaccc ncccatggga tttttttaca 780
 aagaatncat ttttggcctt ttttggggaa aaacaaantt atccccntng gaaaccccc 840
 aaggaagggg ggctngaatt cacttcaaan gggcgctcc ttgtgggctn gaaaaccccc 900
 tttaaanaca aacttttang aatttncccc ccagggggga ancccccca aattgggggtg 960
 ttttttatnc ccnncc 976

<210> 1612
 <211> 1516
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1516)
 <223> n is a, c, g, or t

<400> 1612
 ggnncgtgnn nngtnttttn ttttttttn tntntnntn nnnccctacn nacatacttt 60
 taattnnann tnttaangct ntnnctnggn gnantgannt gnattnaaac anttnaaacc 120
 antggactnc acgcgctggc ggccgctcta nactagtga tcccccgcc ttgcanggna 180
 attccngcac gaggccnac tcngcccacc ggtggccan aagaaacttg gnntattcan 240
 cnaatnaacc ctntntgann aantacggc cnggtatngg gtactnnca agaagcnttg 300
 acccngnctg gantttccan ttttcngagg natgggcggg canagnggnc ncgcnnccct 360
 gnccgaatgg ggccnntccn acctgncttt ttnccttngc ccngnaaggn ccaaccnana 420
 ggcnttncan aaantttan annttncaat tggnnagaac ntttcncngt nnctgcnttg 480
 ggcctactn aannnngtaa ctcnatana aangctcctt gtntttcttt nataggctcn 540
 ngnacgntag annntcntga atnnctggn cccccagggg ncantnntcc ctgtttctcc 600
 ntnacannng gnntncncct ntcgaatgng ctggtncnnn anttatcacc ncgaaacaan 660
 ctgcggcggc ncccgaacaa cnnttgtag agttacatnt aaaattaact aaatanaaaa 720
 cttctcccnc cttnttccca nanaantnch tanntttng tccccccnn ngnanancac 780
 tccngnannc nccnagaat ncacnncaan antttccnga tttntaact aatgnngggn 840
 ncnacnnca ggttntnanc tcttnnnana aaagtntnn ttntnnccn atncccaant 900
 ngngntntnn tctttcctcc nntaatctn catataattn ntccntnt tttnttngn 960

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aaaatacact cangcnttan ataacntcca cctacttnnn tctantaccc cncntncnac 1020
ttctnactca cncacangnt nggtntntga cgtggatctt cctctcncn nagnacgtnc 1080
ttntcgtnnn agaaanatna atnntcancg ncnactact tgnncnncgn ttcntagtan 1140
ctnntcctac gactnnnggn cntagtattc nntnntatgt cgtatntccc acctcnnnan 1200
tatgcntngc cnttgaanca acnctntctc aatntnggna nggnntngtt ncnntntccn 1260
ttntnntcan gnaatnactc tangnagnn gtattncnn tatenntct tctcgntacn 1320
gnngttcggt acgntnnnan nctncaactcg nnannatgtc gtacgtctga tgcanncnnn 1380
gcncggtanc atctncttat ntncngttcn cangatcnan tantgattnt cgtatangnt 1440
cnccnactnn cangntntct cntatgaatc nctttctcta tntatgctnc gtncnaaga 1500
ngtnngcatg tgtncg 1516

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<210> 1613
<211> 1490
<212> DNA
<213> Bovine

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<220>
<221> misc_feature
<222> (1)..(1490)
<223> n is a, c, g, or t

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<400> 1613
gncncntgnc nngttnatnn ntttttttn tntntttntn nnnccctacn anatactttt 60
aattttnann tcttaangcn tnnctnggng cgnttgntat ggattcaanc tnttnaaacc 120
antggactnc accgcgttgg cggccgctct anactagtgg atcccccggc ctgcnnngna 180
atacctgnac gagggccnnc tcagcccanc ggtggcccan aagaaacttg gnntattcan 240
cnaataancc cntatggnnn aattagnccc cnnntnggta ctnnnaaga ancnttnacc 300
cngnngcnnt ttccantntt cnnaggaatg ggcnggccna gaggnnncgc ancnttgnc 360
cgaatggggc cnntccnact gnctttttnc ttngcccnnn aaggncacn annggcttnc 420
anaacattnn anntncnatg gnagaacct gcnnngcngc nntnggccnt acnaacnngg 480
naaccnnaan aaangctcct gtnttgcttt tataggctnn atcnntaatt tncanaatnn 540
cnngncccca gggggcnnt nntccctgtt tctcctaac annngntac ncctntcgaa 600
tgngctgntn ccgnanttat caccncgaaa cacctnnncg nccctcgaac ancnnntgta 660
ngccnnttac ntntaanatt nactaaatan aanacttctc cctcctttnt cccanacnat 720
tnentnnntt ttggtncccc ccnnttgnan ancactctng ncncntccc nagantncac 780

```

nnaannnttc tccngatttt ntaactaatg nnggnnnncna tnnncnaggt tnttanctct 840
 ttnnanaaan tccntncttn tnnnnnnntn cccaantggn ntntnctct tncctcccc 900
 taatctacca tntnatttct cccntnntc ttnntntgnt nntncactc ancnnanata 960
 acntccacct aanntacntc tantaccccn ctgtcnacnt tcncactcac ncacaagtag 1020
 ttntnngaen tgtatcttcc ctctcncna gnacgnnctt ntcgtngaga aaaannatnn 1080
 tcancgncna actactnngt cnncgntctg tacgtaanct cntcctacga ctnnnggncn 1140
 tagtattcnn tcnangtcgt atntcccacc tcntnattat gcntngcngn tncantancn 1200
 ctntctnant nnnnngatgg nntngtttct ntntccattn tnnntnngna tnnactcnac 1260
 gannngtgta ttncctntat cnnctcttct cgctacngng gttcgtncnn tnnngtctnc 1320
 antcgnnann atgtcgtacg tctnatgcan ncntngcngg ntancatctn cttatntann 1380
 ntnncatgat cnatnttttn attntcgtat nngctcncn acacgcangn tntctcctat 1440
 gaatcncttt ctgatntatg ctncgtncn aagtagatnc natgtcncgg 1490

<210> 1614
 <211> 999
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(999)
 <223> n is a, c, g, or t

<400> 1614
 ttnannaaan nctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcagga attcggcacg aggnnagcgt caagatntgt nacttcnncn nggatcannc 120
 cgnanngttc aaggaggntc tcctnctgnt tnaccgaacg gggnatgnca tnatcctgtn 180
 cagncngnt ggggatgnga nnnngnccct gggccatant tccacnannn ccnnggtgnt 240
 cnaagtnttg gggaaccnna aaagtantga acattancnn naanngacct gaattttggc 300
 nntttccaac ccntcttgta aattngngcn anaactaggn acaangccnc tnncangnct 360
 ntgggcnatg gcnncnggtg ntnngcnaag gaaggaaccg gcctnacnnn ggannntaaa 420
 atccgctcgg tgnccgncn nnnnggttann acattacnn tggacaactt aaagntcccn 480
 ngtnngcttg gccttaaggc cttttantgn tngaanaant antaaaaacc tngtccgntg 540
 gggccnnaat ngcntnanga nttttccaaa tgngcctnga caccntgccc tttctttggg 600

ggaaaaattng ttttntgccc cgacnctttt nagntttntt tgggacaann tntttttccc	660
caaattnntt tttttttgga ngaagnnttn gcccntnnac cnttccccca aatnaaactt	720
tngtntnttt tgtttttttaa aaaaaaaaaa aaaaaaaaaa aaaaaacccn gnttttgggg	780
ggncccnncn tnnnncnnnn nnnnnnatntt tnccnaaaaa ncccanaann nnnnnntnn	840
gnccctnnnn ncnncnttn taangggggg ggnccctngg ggnncnctn nnnnttttn	900
ttngggggnnn nanannnnnn tnggggggnnn tnggcccccc cncnttttn nggggnccn	960
ntttnnnnnn aantnnnttt tttnnnnccc nnnatnttt	999

<210> 1615
 <211> 943
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(943)
 <223> n is a, c, g, or t

<400> 1615	
naaaagctgg agctccccgc ggtggcggcc gctctagaac tagtggatcc ccgggctgca	60
gggagagtct gaggccaacg tgagggaaat ctctgacaag gcacgccaag ctgccccctg	120
tgtactgttc tttgatgagc tggattogat tgccaaggcc cgtggtggca acattggaga	180
tggtggtggg gctgccgacc gagtcatcaa ccagatcctg acagaaatgg atggcatgtc	240
cacaaagaaa aatgtattta tcattggcgc tactaaccga cctgacatca ttgatcctgc	300
catcctgcga cctggccgcc ttgatcagct catctatata ccgcttcccg atgagaagtc	360
ccgtgttgcc attctcaagg ccaacctgcg caagtcccca gttgccaagg atgtggattt	420
agagttcctg gctaaaatga ctaatggctt ctctggagct gacttgaccg agatttgcca	480
acgtgcttgc aagttggcca ttcgtgaatc gatcgagagt gaaattaggc gagaacggga	540
gcggcaaacc aaccgcgcag caatggaaag tagaaganga tgatccagtg cctgagatcc	600
gccgagatca ctttgangaa gctatgccct ttgccccgcc gttctgtcag tgataatgac	660
atccggaaaag tatgaaatgg tttgctcana cccttcaaca aantcnangc ttttggaac	720
nttcanaatt ccctttaagg aaaccanggg nggagctggn cccagtcn ggcaatggcg	780
gnggcaccag gtngcaatgt gttccccnga aaaataatgg atgatgancc tgtntggntt	840
aaangggggg gggncnacca agcaangaac ctggcctggg ttggaccntt tttcccttgn	900
nggggggggg cccccccccc aggaaggga cccggccctn nct	943

<210> 1616
 <211> 1020
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1020)
 <223> n is a, c, g, or t

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<400> 1616
aaaagctgga .gctccaccgc ggtggcggcc gctctagaac tagtggatcc cccgggctgc      60
aggaattcgg cacgaggctn tgaagagggt gggaagtgac cacttggatg tctgggccct      120
gccaagggga cagggagggt cagagggagg ccagctgctt cctgccccca ccctttcccc      180
aggcccactg tgctgctttt gtgccaagat taagggttagc cagtcccttc ccgtcttggt      240
ctgtgtgctt ccgcctaccc ctcatcaccg ccatgccctt gcccacacc tccccaaaga      300
attgaaatgt cagctcagga tatggggcca atttatgtga atccagcatg tccctgtgtc      360
gccctagtgt cctttcaacc cgggccagcc agagcccccc ttgtcgcaag gcctcgtcct      420
gtcgccaact tctcgagcac aatcgggctt ctcccatctc cagggtgttct gccgctctca      480
accagaggtg cctcttccaa ctggggcggg agtcaaaacc tgccccctct gtgggaggga      540
cgtggagccc cctcagccct tactgagtt ctttgggaatt tgctctcaag tgccttaanc      600
aaaaggaaaa cctttgcttg gtgtatggng gaaggtcctt tgccttaaaa ctttcttccc      660
cggctttgtn cttccccaag ngcctttccn ttggccttgc tggaaacttg ggggttttcn      720
cttgtttccc caantcccca caaacacttg gcaaaaaaat ttttttattt tnntgnccaa      780
tnggggnggg ggggtcaaac cccttaaacc cttnntgggg gccctngggc ccttgttcct      840
ttntnttttg ggggcccga attttttttt ttgggggggg gggnggggn aaaaaaagg      900
gccggnnaaa actttttncc caaaccttn tnanntnaaa nggggggnnt tttttnncc      960
cccncaana nnttttnaaa aaaaaancc cntttttng ntttttttt ttgggacnnt      1020

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<210> 1617
 <211> 1123
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1123)
 <223> n is a, c, g, or t

<400> 1617
 tttggaanac ncatctggag ctccnccgcg gtggcgggccg ctctagaact agtggatccc 60
 ccgggctgca ggtgcaagtc ttttaataga tgtcatanca gtgtttinnag aactcactga 120
 tnnngatgcn aaacacanaa ggtnttcccc nnnnnattnc ataaantatt ctttntntgt 180
 cnnnccgaen ncnnnctcac acctnncagn atanactttt ttctgtntat ctacacnenn 240
 ngtncttata tttcaaattn aagtnattan ctattatnnn naccctnttc ngtgacctna 300
 nntgtntttc gacaacnccn cnccttctnt ntcantncac caccatntta ntccattctt 360
 tntgcntgnc attatnccnc nnancctctn tggtnctcn tttnactcc nntnttctnt 420
 nncnttctnt cnatgttntc nnnntctnnt nctantttt cennntntgc ncantctntn 480
 nttcctttta ttttacgtaa tnnnttntn nntcttncat ntcnatccct cttatatntc 540
 ntatnacact canntnctnt tnttaacngc ntctnnctg nnnccctanc tnngetatat 600
 ttctatnana cattcnnta nantnnnata tccctaattc nacnctnnnt caaantcnag 660
 cnnacacnct cennnttcan accttttcnn antttncncn ccaannntna nctntntctc 720
 accnnntatt nncncactac ntntcccnct ttncnttaca ccanttagan nactctnttt 780
 ncatncacaa ttannacntt ctatcttctc tatananntn nnnccctttt nccctctanat 840
 tccgtgaanc cncaananta tttatnanga gatnaattnt cgtgctaacn ctcacnntct 900
 ttataatctt antcnacctt nttctnnnt atcntatnt nttctctttc gctctctntn 960
 ctntccnta gnttattttc tctcttcttn ntcaanatch gnacngnntn cattaatatt 1020
 cnattcanta ccctctact tgnccnct agtnttncnc cnaagtcntc atatntnana 1080
 atgaatantg tgnatting tatcactctt taactntagc ccg 1123

<210> 1618
 <211> 1006
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1006)
 <223> n is a, c, g, or t

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<400> 1618
naaactggag ctccaccgcg gtggcggccg ctctagaact agtggatccc ccgggctgca      60
ggatttgaac cactagcctt tgaaataaaa gtcagccccg ttattaacag tgcagatact      120
gagtccactt ggatttcttg cagctttctt tgcactgctt taggcaaaaa gtgttcatct      180
ggtttttttc atttgacacc ccagtttgct gcagtgcag aacttaatgc ctaatctgta      240
gagttcatat atatatatat aaaatatata taccacaca aacacatata tatatgaagt      300
ttaatgaact gtccaagtga aacatcctaa ctgtccttgt gattaaggag ccagttttgc      360
aggcagccag cgcggtgttt ttctgttggt ctcccagcac atgcccattc ctttgcccg      420
ccattcctgc tacactcgat ggcagctggt gacaccactg tgaaggtttc tgcggtcctg      480
tcttgagtgt ggcaggctgg aggtgtactg ccagagggtga gctggggcgt gttctgttcc      540
ccacacattt ctaaactgct acaggcagtg tactggctac cacctcaagt ccagacacaa      600
gtctaaagct gaattttgtg tcagtaacct taaccaccg aaacaaatct tgagtagctc      660
gtatcctgct cttangaatt ctgntgtcat ttaaaagtaa tgttcaactt tcttttcttt      720
tttattgttt aacctaagca ctgtttacag gtgtatgcta aagcctgaaa attttgtctg      780
gngctgnggn gtatgnanca ttggccaatt tttatattta attggcannc aaaaaagaaa      840
ccttaaagan tttntgaaaa aatgaaggaa gccntgggct ttggctccct aaatctgggn      900
ggggtgcctt ggnggggaaaa aagggaatt gggggtctct ttnaaaaagg aagccttttt      960
ggggggnggg gcaccccagg ctttnncctg gggnnncctg ntnggg                      1006
  
```

<210> 1619
 <211> 1022
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1022)
 <223> n is a, c, g, or t

<400> 1619
 gcctatnngg agcngnatna cagtggcggc cgctctagaa ctagtggatc ccccgggctg 60
 caggaattcg gcacgaggcc gcgttcggac ctgctgctt cagcctccgg gtccctttcc 120
 atctttccac cctgcgacta gcagcanana aaaactaatt ccataatatt tttttgcccc 180
 gtatacactt tgaggcgagc aaaaagatta naataaatTT taacaatgag ggaaatcgng 240
 cacatccagg ccggnccagg nggcaatcaa atcggtgcca agttctggga ggagatcang 300
 agatgaacat ggtatnnacc ccnccggcnc ctatnntggg gacagcgacc tacaanngga 360
 ccgnatctcc gtgtactaca atgaaccac ngngngcaaa tatgnccctc gtgctatgnt 420
 gggggatcta gaaccngaa cntggactc tgttcgntca ggtntntntg gnnagatctn 480
 cacancanac ntctttnttt ttggtcagg nggggcangc aacnggngng cgngcgggct 540
 atttataang aagnagcccc tggttgantg acgtcncntg atggntgtng nangganggn 600
 gncangatag nntttgnctg cctggctttt ctttcaacc accnncctng gtgggggggc 660
 ctgcctcgga aangggaacc ttnccttttc tnatnaaacc cganaaanng attctnntcc 720
 cggaantgna aaaaccttcn cnnnggnggn gncccccccn aaanattnn annactnngn 780
 ngnntgngnc cttaaanncc nccncccttt tttntttatt attggnnggg ggnanannnt 840
 tnnanaatat cttttttnt tttnaaaaan aggcntnttt tnaaaaatnn atttttttna 900
 ccnttnaagg tnggcccccc caccctnttg gngnttttg nccccntntn ttnccccnc 960
 atggnnnggn gnnccctnt ttctncctt tttcttggg ngnnannant tngtncccc 1020
 cc 1022

<210> 1620
 <211> 1007
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1007)
 <223> n is a, c, g, or t

<400> 1620
 gccctatang gagntgnatn acagtggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggantng gnctcgaaga tntnaagcca tgccttntcc tgtacnacca natnnttata 120
 tgnttganc tcnntctccn gnttnannna gagnanaaag atgnaaagga tggcnnngng 180
 cnntgncngg ngcnnnngng cnaatntnaa cttaaaccna atnaattatg gggngggtaa 240
 atacagacat tttaacccaa gccacnannn tnntannngg nacncagctt ttacggncnc 300
 ntgctcncnc annaatngcn ccgntntgct tntgccgnnn ncnctccan ccattgnctt 360
 ggcnnntcat nngcggaacn cnatgattnc nggccgtctg tgctatnnnn nccnnttggn 420
 tggctnngan tttctactgt tntnttcnna antnanatnn acnacntcag nctctgcggg 480
 taattctatn tnagggggnnn tggctcgncn canaggcaca cctcctaann tggngcngng 540
 caaaacccca cgggggnaan ntttactgn ncatcnntg gntnntgtaa tgnnttcnnc 600
 ccngggggng tttattgagc acnccnnggn gannannntt ncngatattc tccccccng 660
 gtnagncnnt gngcgaaccc nnaaatnttt tncctanaan gccnntnntt cgatactaaa 720
 aaaaanaatg ggggnngnnn ttnnatatat gccnnttnac ccctncata tnnnnncccc 780
 ntntttaann ataatnggcc tcnttttatt ttagngagg cggttnntt tttgtnnnna 840
 gggaannttt ngaaaaaatt ttnncaaaaa aaattgnncc cantntgttt tttgaaaac 900
 cccnccnnc tttntcana tntngtnata ancnccttc cttttanagn cttgnttcgc 960
 ccccaaana tttcttttan ggaatattnn tgnaatgaaa agnggtc 1007

<210> 1621
 <211> 1025
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1025)
 <223> n is a, c, g, or t

```

<400> 1621
gcctatagng agtcgtatta cagtggnggc cgctctagaa ctagtggatc ccccgggctg      60
caggcncgag gcctgggaca ggccagtcgc gttccttcgc catnctcgcc cacctnacag      120
gcaccgagtt catgcaagaa cccggatgag gagcacntga anaattnaan ccaggtgccn      180
aggacggaan cccnacccca agcntaannt aaaccaagn acccntgncn nggcctnaca      240
acccaannc caanaaccng ccnnccttgg ngggggnncc ttnnnttnnn nnaccennac      300
cccaaaacan aacnanangg tgntnaaccg gnananacaa atcangcaca caccaagcgt      360
atgcaaaana ccgaccttna ttctgcaagc cgcnccttan aggggngcct ntgggggggn      420
ggggggcaca caaacgaaa aaaactccnt gtgccacccn aggccaaagg gntnncnngg      480
tgncttatnt nttgnggctt ntgccnntgc attatncnnc ctgnagaagt ttttgnnctc      540
ccaacaagtt gggaaaaann tttngaanaa aaangggncg ttttttttna gangaaaang      600
gggncttttt ttntccncca cntnntnana atgatgngnn nnttatncca actttttgtn      660
nnntgtcaan taataaaaaa ntacntgggt ggagggnatt nactcccccn tcntnaaana      720
aannatgngn canaggggtt tgttnttttn ntctgcnnc antgcanaag ngtncccnnt      780
ttttganaan nnntcttttt ttttttnagg gagngggngg cccttnnttt nnnngccaga      840
tttatnttta agatnttttg gtcnaaaaaa nctcnganng tgntgtnttt ttntaaatan      900
annttttggn gnacgnantt tnnttnaatn aaatntnttg ttttttttg ttntagaatn      960
atnanttttg ttttncgcgn cantttattn atannananc cagnngtgna aaanaaaatt     1020
nttnn                                                                    1025
  
```

<210> 1622
 <211> 1025
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1025)
 <223> n is a, c, g, or t

```

<400> 1622
gcctatagng agtcgtatta cagtggnggc cgctctagaa ctagtggatc ccccgggctg      60
caggcncgag gcctgggaca ggccagtccc gttccttccg catnctcgcc cacctnacag      120
gcaccgagtt catgcaagaa cccggatgag gagcacntga anaattnaan ccagggtgccn      180
aggacggaan cccnacccca agcntaannt aaacccaagn acccntgncn nggcctnaca      240
acccaannc caanaaccng ccnnccttgg nggggggncc ttnnnttnnn nnaccennac      300
cccaaaacan aacnanangg tgnrnaaccg gnananacaa atcangcaca caccaagcgt      360
atgcaaaana ccgaccttna ttgcgaagc cgcnccttan aggggngcct ntgggggggn      420
ggggggcaca caaaacgaaa aaaactccnt gtgccacccn aggccaaagg gntnncnngg      480
tgncttatnt nttgnggctt ntgccnntgc attatncnnc ctgnagaagt ttttgnnctc      540
cccacaagtt gggaaaaann tttngaanaa aaangggncg ttttttttna gangaaaang      600
gggncttttt ttntccncca cntnntnana atgatgngnn nnttatncca actttttgtn      660
nnntgtcaan taaaaaaaaa ntacntgggt ggagggnatt nactcccccn tcntnaaana      720
aannatgngn canagggttt tgttnttttn ntntctgcnc antgcanaag ngtncccnnt      780
ttttganaan nnntcttttt ttttttnagg gagnggnggg cccttnnttt nnnngccaga      840
tttatnttta agatnttttg gtcnaaaaaa nctcnganng tgntgtnttt ttntaaatan      900
annttttggn gnacgnantt tnnttnaatn aaatntnttg ttttttttg ttntagaatn      960
atnanttttg ttttncgcgn cantttattn atannananc cagnngtgna aaanaaaatt     1020
nttnn                                                                    1025
  
```

<210> 1623
 <211> 974
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(974)
 <223> n is a, c, g, or t

<400> 1623
 ttnancaaan tctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg 60
 ggctgcagga attcggcacg agggatggta caatcaagga agtcgttctg gatccagaca 120
 ccacctctta cagcctgacg gatctgagcc catccaccta ctacacagcc aggattcagg 180
 cactgaacgg gaccctaagg agcaagacag tcaagacctt cttcaccacg agtggagtcc 240
 tgtaccgatt cccaggggac tgctcccagg caatgctgaa tggagacacg acctctggcg 300
 gctacaccat ttatctgaac aacgacaaga ccanaagca ggaagtcttc tgtgacatga 360
 cctctgacng ggggtggatgg attgngttcc tganacgcaa aaatggacgt gangacttnt 420
 attcgaactg gnaaggctac ccttnttgan tttgggacct naaaaaanaa gttttgcntt 480
 ggcttggaca ctttgnacca aaatnccagc ccagggccat accaacctcn ggtgganctt 540
 gcggaacccc ggggaagncg gcccagncct tttanaaaaa agttaangtn gggaaaagcc 600
 cggaccccct tnccggttna agngggangg ggtcccanng gcccgggagg ngacctcctt 660
 ggccttacct aatnggnna atcctttttc cncntttaaa aagggacaan naatnnggcc 720
 attaaccaan ntggggcctt ttcnttaaan gggggcnttt tttgntncaa aaanctgccc 780
 cccgggttaa cctggngggg ggaaaancng gggaaaaccc cccccaannn nggggggtta 840
 accnggggtc cccttgaan ggggccccaa acnttttaat tccanttttn tttaaaaana 900
 aanctttaaa acccccnnan tttttcnaaa accttttaaa gggnggggcc caaaaanggg 960
 cttaaanttt tccg 974

<210> 1624
<211> 934
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(934)
<223> n is a, c, g, or t

<400> 1624
ncaagctgga gctccccgcg gtggcggccg ctctagaact agtggatccc cgggctgcag 60
gngaaaagcc ntggnatgan gaatggaana gagtggattg ggagcaatta tncttttgnc 120
tgtcaaaatg agtgcctttt taggaaatgt ggttcccaat tgttggtttc ctgccatcgt 180
gtgttctaag gaaaattatc catggctcat taaaaaaaaa gtgctttata gcaactgagat 240
aaaattttac atggattaaa gtgattttga gtattttaat cgnaattcgt ccaaaatcaa 300
tatcactgtg tattttctgag cattttcaag tcttttantt acattcagca aattaataat 360
gatataataa atttaaacaa tagacattgg cgtgggtcttt ttcaaaagta cttagattt 420
gatttatggc tcttacccaa gaatcatcat gaaaaatcga tttgttctgt agcagaactc 480
agtaagcatc ttcttatttc aaatggcaat tttattttta agacagaacc acttaatctt 540
ggaatatattg tttcttcagt aaagatttct gaaatttcca tttattggtc ttctttcccc 600
aaacctaadc atcccacctc attccagatg tcctacttat gtttttcaaa aatgtacttg 660
aaaactaatt gccccatcat gngggatatca aattaaataa gtgattctct gnggccagtt 720
gtcttctgga acttgngngg taatggaaan cctggatctg ccaagaaact ttaaaggga 780
agggagtaac tgggttctac tccccatgac cggggncngg gatttcnttt ggtngaaaaat 840
caaaatcata agttggattc ncttaaataa agccccagg aattaanggg gttaaaaatt 900
caatctttta aatccctcct tnccaaagtn aaaa 934

<210> 1625
<211> 1001
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1001)
<223> n is a, c, g, or t

<400> 1625
ttnnnncaac aagctggagc tccaccgcgg tggcgccgc tctagaacta gtggatcccc 60

cgggctgcag gnnannngcc cngnnatgna aaaaggaaaa gagngganng ngagcaatta	120
ggcttntgnc tgtcanaatg agngcctttt taggaaatgt ggttcccaat ngntggcttn	180
ctgccatcgt gtgntctaag gaaaattatc catggctcat taaaaaaaaa gtgctttata	240
gcactganat aaaannttac atggancaan gggatttga gtattcnaat cgcagtnegn	300
ccaaaatcaa tancactgtg tatttctgag catttncaag tcttttagtt ncatncagca	360
aatgaatagt gatctaataa attaaancaa tnnacnttgg cgtggncctt ttcaaaagan	420
cttaanattg gnttnatggc tctaacccaa gaatnatcat gaaaaatcca tttgttctgn	480
agcagacctc antaagcatc ttnttatttc aaanggcaat tttattttta ggacagaccc	540
ccttaatctt ggaatattnng tttcttcagn aagnattctt gaaatttcca ttnatnggcc	600
ttttttcccc aaccctaata atcccaacct caattccana ngtcctactt aatgtttttc	660
aaaaaangta cttgaaaaac taattggcca catcatgnng gnaatnaaaa ttaaaataag	720
gggatttctt ngggggccca gttggtnttt tggaaccttt gnggggnnaa tgggaanccc	780
tgggatcctt gcccaaaaaa cctttaang gggaaagggg agtnaaccng gggttccan	840
cncccccaa ggaccggggg ccngggtntt tcctttgggn ggaaaaatcc aaaacctttg	900
gttggaattt ccctaataa aggccggga ggaattaacg gggtnaaaaa ttccaatctt	960
ttaaaacccc ccctnccaa ggnnaaaaaa gcctaaangg n	1001

<210> 1626
 <211> 905
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(905)
 <223> n is a, c, g, or t

<400> 1626	
ttnngcacan ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atccccggg	60
ctgcaggtgc aagtctttta atagatgtca taacagtgtt tggagaactc actgatgaaa	120
atgtgaaaca cagaaagtat gcaaggtgga aggccacata tattcataat tgtttaaaga	180
atggagagac tcctcaagca gggcctgttg ggattgaaga agataatgta gatgttgagg	240
aaaatgaaga tgctggagcc acctctctgc ccaactcagcc acttcagccg tcatcttcca	300
catatgaccc aagcaacatg ccacgagca gctatactgg aatccagatt cccccgggtg	360
cccacgctcc agtaataccc cagcagaagt gcctcacagc acaggtgtaa caagtaacac	420

tatccagcct actccacaga ctattccggc cattgatcct gcactcttca gtacagtttc	480
ccagggagat atccgactaa caccagagga ctttgctagg gctcagaaat actgcaagta	540
tgctggcagt gctttgcagt atgaagatgt cagcactgca gtgcagaatc tgcagaaggc	600
cctcaagtta ctgactacag gcagagaatg aagcctttgt caacatccat gcattttttg	660
gcttaaagaa ctaacagtcc actactctat cttcagccta tcaggagcac agnttttaag	720
gaagaacttc agttncattg acttttaacc aatgaaaact ggggctgggg atcaaaaattc	780
ctattgaagt attcattagc aggcctcaaa ccagntttca ntgggccatt taangggatc	840
cnggaagncc cttaagggga taagcttntn taatggggaa ccanggnccc ttttatttgg	900
ccnc	905

<210> 1627
 <211> 1024
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1024)
 <223> n is a, c, g, or t

<400> 1627	
gcctatctgg agctncaccg cngtgggcggc cgctctagaa ctagtggatc ccccgggctg	60
caggaattcg gcacgaggca gccgcatccc tgagacaaga tggatgaaggc cggagtgaac	120
ggattcggcc gcacggggcg cctgggcacc agggctgctt ttaattctgg caaagtggac	180
atcgtcgcca tcaatgacct cttcattgac cttcactaca tgggtctacat gttccagtat	240
gattccaccc acggcaagtt caacggcaca gtcaaggcag agaacgggaa gctcgtcatc	300
aatggaaagg ccatcaccat cttccaggag cgagatcctg ccaacatcaa gtgggggtgat	360
gctgggtgctg agtatgtggg ggagtccact ggggtcttca ctacatgga gaaggctggg	420
gctcacttga aggggtggcg caagaggggc atcatctctg caccttctgc cgatgcccc	480
atgtttgtga tgggcgtgaa ccacgagaag tataacaaca ccctcaagat tgtcagcaat	540
gcctcctgca ccaccaactg cttggcccc ctggccaagg tcatccatga ccactttggc	600
atcgtggagg gacttatgac cactgtccac gccatcactt gccaccann aagactgtgg	660
atggcccctc cggggaagct gtggcngtga cggccgaagg gcttgcccag aatatcattc	720
cctgcttcta ctggcgcttg caaaggccgt gggcaaggtc attccttgag ctcaaccggg	780

aaacttcacn tggcatgggc ctttcnngtt cccacttcc aacgtgtctg tttgtggatn	840
tgaacctngc cgccttggan naaaccttgg ccaagttttg aatgaaganc caanaaaggn	900
nggcgaaacc nngcngtcnn aagggccctc ttcaagggca atttctnagg cttncnng	960
agggaccag ttnntntccc tnggaatttc aanagagaga acccttnntt tttttancct	1020
tccg	1024

<210> 1628
 <211> 980
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(980)
 <223> n is a, c, g, or t

<400> 1628	
aaaactggag ctccccgcgg tggcgccgc tctagaacta gtggatcccc cgggctgcag	60
gttcttaatt atcacagcaa atactttggt ctgattgtct gtatcttgtg acaagcgata	120
atgaccaggt anaattgcat ccgttctggt attcctggng cgtaagcgtg gaacaatgga	180
ctggggctcc tcgggcgtgg tgagcatcat cacgtggcca tccgggaaga accttacgta	240
cctgtaatat tccacttggg gccacgctct atanaaacca tcaaganact gctccccttg	300
acaaatatag gnggttttac tgatatacac gccatcaa atcgaacacggg gcctttccaa	360
aaacatctct ctccangatg tgtacggaac aagtttaata cagnttctgc cccaancttt	420
caagcaggcc aaacgcnta tttgagggtt tctggcanan atananaatc ctctgcacac	480
ctgtgacanc tgctctaatt atctgangtn caggctcgtg cacaccaccc aacgnaagac	540
gtacatcacg acctccattg gcagancctg atatatgagt cngactgctc tcaagttcag	600
gctgacacag ntngagcaca gacttctgaa acgtgagctg ctgttggaag taagacanga	660
ngtctgncat cttgctgcat catcagtatc ttcaatgnag ctggttccca cgccntcacc	720
atttgagac cgggtataaa gtaatcttga actctatatc agggacaagt tgcatanccc	780
ctacaanaaa acttgatggg gttnataaaa aagctccatt tggctctcnt cnaccggntt	840
ttaagaaaaa attttggang gggggggccc ggtaccaat ttngcccctt tagnggannn	900
annnnnnnaa annnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	960
nnnnnnnnnn nnnnnnnnnn	980

<210> 1629
 <211> 978
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(978)
 <223> n is a, c, g, or t

<400> 1629
 gccctatntg gagntgnatn ncagtggcgg ccgctctaga actagtggat cccccgggct 60
 gcaggaattc ggcacgaggc aaattccttg cagcaggaac ccacttaggt ggcaccaacc 120
 ttgancttcc aaatgggaac aagtacaatc tancaaaagg gaaaagtgat gggattctan 180
 atcataaatc tgaagaagan cgnggggaaaa gcttctggtg gncggttggg ccattggcgn 240
 cattgaaaaan ccggnntnng gcaanggcac antcntcaag aatnntngnc nanganctng 300
 gntnaaatTT gntngtggcn ntgggaaccnn ttctannngt ngncggttna ntTCgggaac 360
 ctttactnac caaanncnng ncnnattnaa gganccaang ntntngngg ncaccgatcc 420
 canggctnan cancaacccc ttacggaanc cttttanntg aacctgncaa ccattggcct 480
 gtgcaacang gactnttctc tgggcttcgt ggacattggc attccgtgca acaacaangg 540
 agcgactca gtgggtctga tgtggtggat gcncTccccg gggaantcct gcgcatgcgt 600
 ggnnaccant tttccgagag cacnccngg ggangngatg cncggaactc tanttntnca 660
 gagatatctt gnggagaatt gaaaaaggna naagcncggc ncccancttg agaaaagctg 720
 tgacccaaag gangagattt cacnggggga aaaggacntg gttccanncc tncanannnt 780
 tacaggttng ctctaccct gnnngnggga aaacnngntc ntgaaagnng tgcaanttgc 840
 ctttcnggc ccantttanc cagnntcccc actggannaa acnnggaggg cttcaaccct 900
 ttcnntgaa nnaatagggn ntngngnccc cccacccgc cccangtgnc ccnggaantg 960
 gggtnggaaa accccccc 978

<210> 1630
<211> 951
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(951)
<223> n is a, c, g, or t

<400> 1630
tnnancctat ctggagctcc ancnngtgg cgccccgctc tagaactagt ggatcccccg 60
ggctgcaggc tctgaaggaa agcagaaaaat agtagaaggt ggaaatgggc gaaaagagaa 120
tgctcattag tagcaggaga aacacaggac anggatccca tcttattggg gttctcagag 180
gacagcagga cantttttca ggactagtag gtagggcagn gtganaancc cntcntccaa 240
aaanananag gtaancctta ccnttacnt ntacnggtn tgngngcccc aggnncagcc 300
cnttttntnt anccccaaaa attagggnc caaanaaggg cacncccagg gnccaaaang 360
ntgggtattat anttagnagg gagngtgatg gnaagnaccc aaatcntaaa ggccaggtcn 420
ccaanttga accaggaaag ggggagagga gattagggaa tctctgtgtn tngngcaccc 480
ggctntggtc nctcttgagg cagttttttt taaaaanent tctctagctc tagcccnata 540
acnntgtaan atntnccnac ccnccagacc ngtgagagcc ctncccaaan tnttgggggg 600
agaagnngc tcttttcaca tttnaagggn ccngntnttg tgannanntt cttctgaaga 660
ctcttnantt cctcttggtt tccccccana gggncctntt gnaaaaaaag gaggaccccc 720
cctcccccca ntattaaccc ccanaagaa gaacnggaag anncccttct tnttcccccn 780
ccnccctctt gcntaattt tccccgctg gtcttggttt aaaaaaaaacn ngccaattta 840
ttttttnnaa cggcctngga aggggaagtnc nncnaccgnc ccctnttttt ttaanaaaaa 900
aaattntttt tccccccccc cccccgttg gggtccnttt ttttttaaag n 951

<210> 1631
<211> 951
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(951)
<223> n is a, c, g, or t

<400> 1631
tnnancctat ctggagctcc ancnngtgg cgccccgctc tagaactagt ggatcccccg 60

ggctgcaggc tctgaaggaa agcagaaaat agtagaaggt ggaaatgggc gaaaagagaa	120
tgctcattag tagcaggaga aacacaggac anggatccca tcttattggg gttctcagag	180
gacagcagga cantttttca ggactagtag gtagggcagn gtganaancc cntcntccaa	240
aaanananag gtaancctta ccnnttacnt ntacnggtn tggngcccc aggnncagcc	300
cntttttnnt ancccaaaaa attaggggcc caaanaaggg cacncccagg gnccaaaang	360
ntggtattat anttagnagg gaggntgatg gnaagnaccc aaatcntaaa ggccaggtn	420
ccaanttga accaggaaag ggggagagga gattaggga tctctgtgtg tngngcacc	480
ggctntggc nctcttggg cagttttttt taaaaancnt tctctagctc tagcccnata	540
acnntgtaan atntnccnac ccnccagacc ngtgagagcc ctncccaaan tnttggggg	600
agaagnngc tcttttcaca tttnaagggn ccngntnttg tgannanntt cttctgaaga	660
ctcttnantt cctcttgttt tccccccana gggncctntt gnaaaaaaag gaggaccccc	720
cctccccca ntattaaccc ccanaagaa gaacnggaag anncttcct tntcccccn	780
ccnctctt gcntaattt tccccgcctg gtcttgtttt aaaaaaacn ngccaattta	840
tttttnnaa cggcctngga agggaagtnc nncnacgnc ccctnttttt ttaanaaaaa	900
aaattntttt tcccccccc cccccggtg ggttcnttt ttttttaaag n	951

<210> 1632
 <211> 1027
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1027)
 <223> n is a, c, g, or t

<400> 1632	
ttgannaaan tctggagctc caccgcggtg gcggccgctc tagaactagt ggatcccccg	60
ggctgcagga attcggnang aggcttnncn ntcngnnga cctcgaggng gggnccegg	120
gcccnnnnn gcatatantn actcgnatta cntgtnntc tttanngnt gtnactact	180
agggcgaatg gatgaantga aagttggagg aaangancta ttngacttaa nangctntn	240
atgtatcna gctgctntga ntggangtgc cnatnntncg aagaattaca cttttatga	300
nggcccaaag acatatattn tcanaaactg nnnntgacac agncacagcg cttctggacc	360
tgtttcaaaa atnttagaat atttgaata tatangatnc ggtctttncg ctggntaaac	420
gatanagcca gnttngtga gtntgcatan annaaantna nnggcctcgg ccnnaaaan	480

aaanctnccn tttttttttt acnnnccctt tcncccgcctt ggcttcccga ttttttannt	540
naggnttgga anaataattt aaatggcncc ccttttaang antgccnaca aatttttgaa	600
nggcttaggc cnagttttcc ccctngggca nnaacccttn cntttnnatt tnccagnncc	660
tngnttncca gggggncatt ntcttttttg aaagnaaann gcctttnncc ccccttanat	720
tggtttnncc nttanttaat tggncccatn tnnntttaaa aaaaccnggg gncccccat	780
gaanaccngg cccttttggt ttnaatcccc cccttttttt naggggaann ggggatttcc	840
aaaaannnnn nnaaccccc cnnnaaaacc ctnttcncc tcccnntnna aaccnnaccn	900
nnaattggtt ttttttnccc cnnaaanaat ntttttttg naaaanggcc ctnggggcnn	960
ccantcnacn ttngnacctt gggnnccann gggggaaaaa aaacccccn ttntggngnn	1020
acctnct	1027

<210> 1633
 <211> 963
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(963)
 <223> n is a, c, g, or t

<400> 1633	
ncannanctg gagctccacc gcggtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggaattc ggcacgaggc ttnntggggn ctgagccgag ccgaggcctg actgctcccg	120
ccgnccacaa gctgctgtca cngggctctg cacagacagg tanagggcac cnaattccgg	180
agcgctaca gcctggacaa gctgtaccgc gaatcgnggg gcgcgacac cgctggagg	240
gtcccgggcn acgcaaagca aggcaacgat gacattcctg tntatcgctt gacgatatnt	300
nactgtcgga ncagtgggcc tggggggccag aacgttaaca aanngaactc caaggctgaa	360
gtcaggntcc acctggcaag cgccgactgn atcgagagc ccgtgcgna gaagatggct	420
ctcacgcaca aaaataagat caacagggcg ggagagctga tcctcacgtc tgaatacagc	480
cgctatcagt tccgaaacct ggcagattgc ctncagaaaa ttcgagacat gattgccgag	540
gccagccagc cagccacaga gccatncaaa gaagatgctt gccttcagaa actcangata	600
gaaaacattg aatcgcgaaa nggttccgaa aaaaaganaa taaacttttg ncattnaana	660
cgagcaggag ggtcggtacc ggacttgaaa gcacccttc gagccagcaa aanccttc	720

anggccnccc aggtgggttc ggacaccaag aaaacgggng tctgggtccgg ggcacttggt	780
cgnntttttac cgtnggaanc cgtngnaaaa aaggtccttt cggaaccna aggtttgtaa	840
gncctgggc cncccaaggt nnttttaaag gggaaaacc gngtttttnc cancctttcg	900
ttttncatt ngncgccggn ttaanttggc aatnaaaaat tnttnaaact tcnaaaaaaa	960
aat	963

<210> 1634
 <211> 963
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(963)
 <223> n is a, c, g, or t

<400> 1634	
ncannanctg gagtccacc gcggtggcgg ccgctctaga actagtggat cccccgggct	60
gcaggaattc ggcacgaggc ttnntggggn ctgagccgag ccgaggcctg actgctcccg	120
ccgnccacaa gctgctgtca cngggctctg cacagacagg tanagggcac cnaattccgg	180
agcgcctaca gcctggacaa gctgtacccg gaatcgnggg gcgcggacac cgcttgagg	240
gtcccgggcn acgcaaagca aggcaacgat gacattcctg tntatcgctt gacgatatnt	300
nactgtcggg nactgtgtcc tggggggccag aacgttaaca aanngaactc caaggctgaa	360
gtcaggntcc acctggcaag cgccgactgn atcgagagc ccgtgcggna gaagatggct	420
ctcacgcaca aaaataagat caacagggcg ggagagctga tcctcacgtc tgaatacagc	480
cgctatcagt tccgaaacct ggcagattgc ctncagaaaa ttcgagacat gattgccgag	540
gccagccagc cagccacaga gccatncaaa gaagatgctt gccttcagaa actcangata	600
gaaaacattg aatcgcgaaa nggttccgaa aaaaaganaa taaacttttg ncattnaana	660
cgagcaggag ggtcgggtacc ggacttgaaa gcaccccttc gagccagcaa aancccttc	720
anggccnccc aggtgggttc ggacaccaag aaaacgggng tctgggtccgg ggcacttggt	780
cgnntttttac cgtnggaanc cgtngnaaaa aaggtccttt cggaaccna aggtttgtaa	840
gncctgggc cncccaaggt nnttttaaag gggaaaacc gngtttttnc cancctttcg	900
ttttncatt ngncgccggn ttaanttggc aatnaaaaat tnttnaaact tcnaaaaaaa	960
aat	963

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<210> 1635
<211> 954
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(954)
<223> n is a, c, g, or t

<400> 1635
ttnaacaaan ctggagctcc ccgcggtggc ggccgctcta gaactagtgg atcccccggg      60
ctgcaggnnn nnanggnngn gntcntngan ctgcncctgc tggagnnggg ncnngggcng      120
nnnnnngggn tcnagtgcng cgctnaagnc gagcgccaga ttccagttct tcagacaaac      180
aatggtccga gtctaacggg actgactacc atagcagctc acctagtcaa gcaggccaac      240
aaggagtatt tgctggggag cacggcagag gagaaagccg tggttcagca gtggttagag      300
tacagggtaa cgcgagtggg cggacactcc agtaaagatg acatccacac ggtcctgaag      360
gatcttaatt catatcttga agataaagtc taccttacag gatataactt cacattagca      420
gatatcctat tatattatgg gcttcatcgc tttattgttg acctgacagt tcaagagaag      480
gagaaatatc ttaacgtgtc gcgctggttt tgtcacattc agcactgtcc agggattagg      540
cagcatctgt ctagtgttgt cttcatcaag aacagactat atactaattc ccagtagaag      600
ccaccgcgcg cccggccaga agaaggaata acccatgtcc agtgggnaag tgnnggtttcn      660
ganccanagg actgacgtgn acctgatttc nttcatttct tntatttggg ngaaanttgg      720
taaaaattta aagtaccaac ctcttgctcc caagcatttt tgggctgggt tttttaaant      780
ggaccanttt ttgccaagtt ttttttttta atggnaaaaa acttttcaac ctgggtgggc      840
caaaaacctt tggggttggg aaaatccaag gttttttcaa gttntttntt nggggttttt      900
tnttgacccc ttaagattgg aaaatttttn tgggtnaaan aaaaaagttg gcca          954

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<210> 1636
<211> 1092
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(1092)
<223> n is a, c, g, or t

<400> 1636
gccnatnngg agnncgcatn acagggggcg gccgctctan aacttggtga tccccgggc      60

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tgcaggcttc agggcaaaaa ngnnnagtn	ttctagaaag tacnagngct tgtgcctgct	120
cctgggggga agggaccttn ncggatntga	gggttaancc ttanagaaat nagctgttgt	180
gtaatacaan ganatctaca atgacaccga	cagcctgttc ccaacaagtc ctngcatcc	240
tcttcctaaa gaggaccctt ttcattcttc	ctagnagacc aggaagnatn ttcattctac	300
ccaggagaaa nttgtaggag aaggcgcta	cagaggatga cttctaagcg atgtttgcta	360
aggagagagg gcacnganag atgccataat	acnttgattg gnetgtgaat ttaacctccc	420
taccgtgga acctcacncn ctgtgccann	ggccttgagt tgtgtggaaa cagcccaaa	480
ggcattagnc tacntgcagg ctcttggtg	ctaaanagct tgaccttcct gggcanngtn	540
tgcctgnatt ggncngtcg ancgnnannt	ggagttataa ngatgtntgg cttccattg	600
gtncacttc caagtctgt ttcacacncc	atanatacnt ttaagccnng tgcannanac	660
ntncanaant ntgngnattt ccctgcgng	ctatcgantg aaanattnta tgnngtccn	720
gnntctnann anngcgncn ttgctggnc	ntttgntngn angngncct tctatctaaa	780
cctgtaanng gnagtcacnc tanncntct	cttcatngtc cttccnantg gngngnncc	840
ttnggaacct ctctttnga gnnnnnnnn	ancgtncng gtcnaaaatn angcctcgga	900
gntaatntcn tttantnttn nnancaactt	ttttgnnnnn ntaatatng natctttntg	960
gnnnttcttn tcntnctgnn ntncctantn	tntnancntt attcngnttn cncnnnga	1020
tgcnctcnn cancttnatc tcntatatnc	cncntttcnt cgnaanncnn ccctattaat	1080
ctttntnac cc		1092

<210> 1637
 <211> 1038
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1038)
 <223> n is a, c, g, or t

<400> 1637		
ncaanactg gagctccacc gcggggggcg	gcccgctcta gaactagtgg aatcccccg	60
gcttnaagcc gntngcgaa nccggtggg	aggcggtgt ccgggctgag ggccgccaca	120
gggcgccggc gagatggagg tgacggggtt	gtcggcnccc acagngaacg tgttcatcag	180
cagctntntc aacagntttc gttcccaaaa	ncggnncagn cnnancctnn ccgnacntaa	240
ttnaaangnn aannancant tngtgtggg	caacctgntt cttgnntgtn anannagctg	300

tntgnacctg acaacannnt ttgttgtaan cttnatcacn atgatacgct nctgggctcc	360
taccaccag angacgactg gtgcatcct nttnttgncc accacggngc cccctttnt	420
gagnatgaat gacatatcta agnnggggna atatgnaata tctcnnaaaa gcnnttgta	480
agaaagngag gaantantcn ntcctttcct taaangcanc anaannnggn tnngtntatt	540
taaaaaaaaa ngggggcncc ccaangannn ggaaanatca cntccctttt tttanggagg	600
aggacgggnc aagccatant nttgtgtgc agcccttng gatgntanga cccctgagcc	660
agccccntc ccatngggcn nccgtacttn ttttgtnnnn ttgnacnnan ttnaaaccnn	720
gnnttttggt attngggatt cgnntttcn ttaaccccaa acgnaaaaaa ncaaaanncn	780
ctnggcaatg gtgaaaactt tttttttatt tttgatngcn angnnngct ntntnnatt	840
cttttttnnn ttaaaanggg gnaaantnt ngcaataaaa aanaanagnn ntttgnant	900
tagantgnaa ccnaanggg ngagggnnnn nttcttnt tnnnctnnnn nccanattn	960
ccttcttctt tntntntnc cnggggtnc ccttnnccn ttnccnntt tnnnttttt	1020
tacntnccn cccnccn	1038

<210> 1638
 <211> 1002
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(1002)
 <223> n is a, c, g, or t

<400> 1638	
gccctatnng gagctgcanc ncngngggcg gccgctctag aactagtgga tccccgggc	60
tgcagggnac nttgngtana gagatcctct tgcgagagct anaggtgccg gcgngcntgn	120
ccctggagan cnttctgatt cccttccttn nggnnatggg ggatcanaag cngntttan	180
acctttttaa ggtncggnt agnacaaang anctngngcc ngcccattnt nnacancnt	240
tgnaccttn ggaccccgag aaacgaaaag aatttnttaa cancnnctt ggcttggcct	300
tttnaatn aagantnnng gnacntncca aancnttacn cncctcngga acngcnganc	360
nttatngang naaacgatcg gnatntagaa ntaangggnc agantgnngt ntccngaag	420
caccccgca aagcgccat tctnaacatg ccgntggnga cnacnctct ntactcngc	480
ttntaccact acacacgagg ctgaggggac gttcngcncc ccanngaac ctgtnagana	540

gacgtgtang atnccacaca aacaggtaca ngctgncacc gctgtctcgc tencgccccn	600
nctctcnggc cctgngattg ncatcagatg cccctgtnta ccaccaacna anatgtntgg	660
tgctncccc cacaanaan agcngcccc nctgannncc cctcngnnnc gtggnagatt	720
tttgcncan cnaatattgg cccccngttn caggannttt cnngangngt gtnccatcnt	780
ngtgnaagaa tgccctcccc cacngnngga acttnngccc ccncnggtc ccactagttn	840
cttgattggn gggntttggt atanccttnc cggncgancc ttnaannnat cnntccntcc	900
tntttngttt cncacnnccc ngcanncnnc nngngggctn tananggntt ctttnncggn	960
ggaaggaaga aaaaantnga ntngcccntt cttnaanana nc	1002

<210> 1639
 <211> 925
 <212> DNA
 <213> Bovine

<220>
 <221> misc_feature
 <222> (1)..(925)
 <223> n is a, c, g, or t

<400> 1639	
nncaaanctg gagctccacc gcggggggcg gcccgctcta gaactagtgg atcccccggg	60
ctgcaggatt ncnncacgag gccncagtgt ggnacntntg gnntnnacnn tcgancaaaa	120
gcnncgtngc ctggtnnncg ganaanattn cngganttnn agnccccaag ggggncttac	180
cnttccnggg ccnccanncn ttttnagggn tnnnaccnnc ntngncnttc ccttncnnc	240
natagttncn ttatttnncc annacngaaa naagacnccg gaatnanaat gaacntgggc	300
ccannnttg ntcgncggac cnntncttng aagtaagggt ctggncccgg gggtnctgg	360
gtttncataa acggggcctc tncattgggg gctctatccc gcganccatn ttgtggncat	420
ttgagtncan nggataaant ctctctntct atncacnggg gggggggggc tctctctgag	480
aaanncactc ctgtgncccn ntttctctna anaaatgggg tggggcanaa tctcgtgntt	540
ttttgcngcc cctctccngt gtgananggc nncatgncgc tgnttcttac tantaataat	600
gcncttnata ccnnnnataa aaanntttta aancannngg ggggggcnnc nccccnngg	660
ggggcncnng gggnnnnntt tnttnnnnnn nnnnnnnntn aannnnnnnn nnnnnnnnn	720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn	780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn	840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnn	900

nnnnnnnnnnnn nnnnnnnnnnnn nnnnnn

925

<210> 1640
<211> 925
<212> DNA
<213> Bovine

<220>
<221> misc_feature
<222> (1)..(925)
<223> n is a, c, g, or t

<400> 1640
nncaaanctg gagctccacc gcggggggcg gcccgctcta gaactagtgg atcccccggg 60
ctgcaggatt ncnnacagag gccncagtgt ggnacntntg gnntnnacnn tcgancaaaa 120
gcnnctgngc ctggtnnncg ganaanattn cngganttnn agnccccaag ggggncttac 180
cnttcnnggg ccnccancn ttttnagggn tnnnaccnccn ntngncnttc ccttnccnac 240
natagttncn ttatttnncc annacngaaa naagacnccg gaatnanaat gaacntgggc 300
ccannnttg ntcgncggac cnntncttng aagtaagggt ctggncccgg gggtnctggt 360
gtttncataa acggggcctc tncattgggg gctctatccc gcganccatn ttgtggncat 420
ttgagtncan nggataaant ctctctntct atncacnggg gggggggggc tctctctgag 480
aaanncactc ctgtgncccn ntttctctna anaaatgggg tggggcanaa tctcgtgntt 540
ttttgcngcc cctctcnngt gtgananggc nncatgncgc tgnttcttac tantaataat 600
gcnccttnata ccnnnnataa aaanntttta aancannngg gggggggccnn nccccnngg 660
ggggcncnng gggnnnnntt tnttnnnnnn nnnnnnnntn aannnnnnnn nnnnnnnnnn 720
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 840
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 900
nnnnnnnnnn nnnnnnnnnn nnnnnn 925